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Oil, Paint and Drug Reporter

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Oil, Paint and Drug Reporter

The Market Authority Since 1871
Chemicals-Dyestuffs-Drugs-Paints-Oils-Fertilizers

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William O. Allison

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Vol. 129 June 15, 1936 No. 24

Closing Market Developments

London Closing Cable

LONDON, June 12, 1936.

Stocks of shellac in London warehouses June 1 totaled 130,487 packages, of which quantity 128,141 packages were orange shellac. Carnauba wax was quoted 155s per hundredweight.

Cocillana Bark Down

Quotations on cocillana bark came under quite heavy competition toward the close of last week and prices were reduced to the basis of 22c. to 23c. per pound.

Agricultural Chemicals Dull

Fertilizer chemicals were very quiet in the closing part of the week. There has been very little trading during the week and prices for organics are hardly more than nominal because of the lack of transactions.

Tin Salts Steadier

The market for tin salts appeared steadier at the week end with the basic metal listed at 42½c. per pound. Tin crystals were priced at 34c. to 34½c. per pound. Tin anhydrous tetrachloride was listed at 21¾c. per pound. Soda stannate was priced at 29c. to 32c. per pound.

Cottonseed Oil Easier

The trend of refined cottonseed oil futures was downward late in the week a decline of about 15 points occurring in prices on Friday following the publication of the Census Bureau report which indicated that the consumption of refined oil during May was only 169,500 barrels instead of 200,000 to 250,000 barrels as some had expected. These figures caused selling for both long and short account. September declined to 8.90c. at which point support was forthcoming, causing a partial recovery of the loss. Southern markets for crude oil continued to be reported as firm with sales in the Southeast at 8c. per pound.

The May consumption of refined oil was about 35,000 barrels smaller than in the previous month and 50,000 less than in the same month last year. The visible supply showed a decrease during May of 130,000 barrels as compared with a decrease of 180,000 barrels in May last year. The total visible supply of refined oil at the close of May was 1,330,400 barrels against 1,579,600 barrels last year.

Contents of This Issue

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General Features

Advertisers' Index 67
Bids Wanted 54
Chemical Price Trends 0
Classified Advertisements 66
Closing Market Developments ... 2
Contracts Awarded ..... —
Corporation Earnings ..... —
Correspondence ..... —
Dividends Declared ..... —
Editorials 19
Foreign Tariff Notes 20
Foreign Trade Openings 66
Informative Booklets ..... —
Industrial Uses of Chemicals 36
Obituaries 20
Prices Current 4
Scientific, Professional Services. —
Some New Books ..... —
Trade-Names and Brand-Names —
Trade News Briefs 17, 52
What You Can Use 33
Where You Can Sell 36

News, Technical and Statistical Articles

American I. G. Adds Clark to Board 30
A.P.M.A. Asks Enactment of S.5 Opposes Federal Tax on Reserves. 21
Alcohol Withdrawal for Motor Fuel Requested 20
Chemical Imports Up 27 Percent in April 20
Chemist Club to Golf June 25 50
Denaturants for C.D. Formulas Defined 20
Drug Store Chain Sales in April Showed Increase 49
Disney Bill Reported Favorably 66
Fertilizer Tag Sales: May 57
Fertilizer Association Will Revise Open Price-Filing Plan for F.T.C. 21
Groups of Those Attending S.O.C.M.A. Outing 28, 30, 32
Gum Importers Hold Annual Golf Contest 32
Hagar and Sidford on Titanium Board 24
Insecticide, Disinfectant Manufacturers Adopt Definite Industry Standards 21
Lead Production in 1935 Up 12 Percent in Value 29
Monsanto Extending Illinois Plant. 32
N.P.V.L.A. Convention Set for Chicago Nov. 18 to 20 20
Niagara Chemical Group Elects 32
N.Y. Production Club Outing June 26 to 28 50
Plastic, Cold Water Paint, Calcimine Sales 40
Paint, Varnish, Lacquer Sales: April 39
Price-Discrimination Bill Revised; Passage Predicted 20
Paint Federation Names Convention Committees 20
Pepsodent Wins Right to Mark 'Pearledent' 49
Publicker Names McQuaide Manager 67
Paint Steering Committee Meeting. 41
Petroleum Production 55
Petroleum Market Status 55
Pure Oil Company Calls $2,500,000.. 66
Phila. Drug Exchange Outing 32
Phila. Production Club Elects 32
Reilly Tar & Chem. Co. To Build Cleve. Plant 30
Soybean Oil Meal Rates Are Upheld by D. of C 20
Superphosphate Output: March 57
S.O.C.M.A. Outing Has Large Golf Attendance 30
Sulphur Output in 1935 Increased 15 Percent 50
Tax Bill and Others Delayed by Convention 20
Tung Oil in China Under Government Control 52
Tung Oil Output Grows 50% in Southern States 50

Market Reports

Heavy Chemicals 25
Acids 27
Insecticides 29

Coaltar Chemicals 31
Acids 31
Basic Products 31
Colors 32
Other Intermediates 31

Dyestuffs and Textile and Leather Chemicals 35
Chemicals 35
Dyestuffs 35
Sizing Materials 35
Tanning Materials 35

Paint, Varnish, Lacquer Materials 37
Driers 41
Dry Colors 38
Fillers and Extenders 38
Glues and Binders 41
Lacquer Materials 41
Metallic Lead and Zinc 37
Metal Powders and Leaf .... —

Paint, Varnish, Lacquer Materials—
Naval Stores 39
Pigments 37
Shellac 41
Synthetic Resins 39
Varnish Gums 38

Oils, Fats and Waxes 43
Animal Oils 45
Cottonseed Oil 44
Fats and Greases 45
Fatty Acids 45
Fish Oils 45
Linseed Oil 44
Vegetable Oils 43
Waxes 65

Botanical Drugs and Gums 51
Balsams 51
Barks 51
Beans 51
Berries 51
Flowers 51
Gums 52

Botanical Drugs and Gums—
Herbs and Leaves 52
Miscellaneous 52
Roots 52
Seeds 52
Spices 52

Drugs and Fine Chemicals 47

Essential Oils and Aromatic Chemicals 53
Aromatic Chemicals 54
Essential Oils 53

Petroleum Solvents, Lubricants, Fuels 56
Fuels and Lubricants 55
Lighter Fractions 55
Petrolatums and Waxes 55
Solvents and Diluents 55

Fertilizer Materials 57
Ammoniates 57
Phosphates 58
Potashes 58
Sulphur and Pyrites 58

Import, Export and Coastwise Shipments

Imports:—
Baltimore 60
Boston 60
Galveston 61
Gloucester 61
Houston 61
Los Angeles 61
Mobile 61
New Orleans 61
New York 59
New York in Transit 60
Norfolk 61
Philadelphia 61
Portland, Ore. 61
San Francisco 61
Savannah 62
Seattle 62
Tampa 62

Imports detained:—
Baltimore 65
Los Angeles 65
New York 65
San Francisco 65
Seattle 65

Exports:—
Baltimore 62
Beaumont 62
Boston 62
Corpus Christi 63
Galveston 63
Houston 63
Lake Charles 63
Los Angeles 63
Mobile 63
New Orleans 63

Exports:—
New York 62
Norfolk 63
Philadelphia 63
Port Arthur 63
San Francisco 64
Savannah 64
Tampa 64

Coastwise Shipments:—
Corpus Christi 64
Galveston 64
Houston 64
Los Angeles 64
New Orleans 64
San Francisco 64

Cargo Ship Arrivals 64

Recent Charters 65

Butyl Cellosolve

. . . because of high solvent power for many substances, it produces better lacquers, improves synthetic resin finishes, and is an excellent coupling agent.

BUTYL CELLOSOLVE combines in one material the desirable solvent properties of both Cellosolve and butanol. Consequently, it possesses a wide range of solvent power and a correspondingly wide variety of uses in many industries.

Butyl Cellosolve makes good lacquers better. Its nitrocellulose dilution ratio with petroleum spirits is extremely high, and it is an excellent solvent for gums and resins. These characteristics, coupled with slow solvent action on undercoats and low volatility, mean that the finished lacquer flows evenly, is resistant to gum and humidity blushing, does not lift the undercoat, and gives a smooth surface of brilliant gloss. In synthetic resin finishes, a few percent of Butyl Cellosolve allows a higher solid content at spraying viscosity, and a better flow-out.

Butyl Cellosolve is soluble in, and exerts marked solvent action on, both oil and water. Hence, it is a good coupling agent and mutual solvent for making "soluble" oils, clarifying turbidity, holding water or soap in petroleum naphthas, and similar uses. For example, two to five percent of Butyl Cellosolve will often clarify a stubborn, murky "soluble" oil and improve its salability, whether it be in the textile, leather or metal-working industries.

Further information together with a sample of Butyl Cellosolve* for experimental purposes is available without obligation. Write for it.

**The word "Cellosolve" is trademarked.*

CARBIDE AND CARBON CHEMICALS CORPORATION
Unit of Union Carbide and Carbon Corporation
UCC
30 East 42nd Street, New York, N. Y.

PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 2.

Acacia—Alumina Chloride

A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., works....lb. .14 - .16
Acetamide, CP, bots., kegs, 1,000 lb. min., works..lb. .43 - —
tech., kegs, 1,000 lb. min., works lb. .38 - —
Acetanilide, tech., 95%, bbls...lb. .24 Nom.
USP, bbls....lb. .28 - —
Acetin, tech., dms....lb. .22 - .23
Acetoacetanilide, dms....lb. .65 - .70
Acetone CP dms, cl., delvd...lb. .09 - —
l.c.l., delvd....lb. .09½- —
tanks, delvd....lb. .08 - —
Methyl (see M)
Acetophenone, bots., cns....lb. 1.25 - 2.25
Acetphenetidin, kegs....lb. 1.30 - 1.40
Acid, abietic, bbls., c.l....lb. .06¾- —
l.c.l. ....lb. .07 - —
Acetic, comi. or redist., 28% bbls. 100 lbs. 2.45 - 2.70
cbys. ....100 lbs. 2.95 - 3.20
56%, bbls....100 lbs. 4.60 - 4.85
cbys. ....100 lbs. 5.10 - 5.35
70%, bbls....100 lbs. 5.73 - 5.98
cbys ....100 lbs. 6.23 - 6.48
80%, bbls....100 lbs. 6.53 - 6.78
cbys. ....100 lbs 7.03 - 7.28
glacial, natl., CP., cbys.100 lbs.14.00 - —
comi., bbls....100 lbs. 8.43 - 8.68
cbys. ....100 lbs. 8.93 - 9.18
USP., dms....100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
cbys. ....100 lbs. 8.93 - 9.18
USP., reagent, 99.8%, al. dms..100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
pure, 30%, bbls....100 lbs. 3.52 - 3.77
cbys. ....100 lbs. 3.92 - 4.17
56%, bbls....100 lbs. 3.95 - 4.20
cbys. ....100 lbs. 4.45 - 4.70
80%, bbls....100 lbs. 6.63 - 6.88
cbys. ....100 lbs. 7.13 - 7.38
99%, bbls....100 lbs. 8.33 - 8.58
cbys. ....100 lbs. 8.83 - 9.08
Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts). $1.60 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.
Acetic, anhydride, dms., c.l..lb. .15 - —
l.c.l. ....lb. .16 - .19
Acetylsalicylic, USP., bbls., 225 lbs..lb. .58 - —
boxes, 100 lbs....lb. .59 - —
50 lbs....lb. .60 - —
25 lbs....lb. .61 - —
kegs, 100 lbs....lb. .58 - —
Anthranilic, refd., bbls....lb. .85 - .95
tech., bbls....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms, kegs....lb. .18 - —
Benzoic, tech., kegs....lb. .40 - —
USP., kegs....lb. .54 - .59
Battery, cbys....100 lbs. 1.60 - 3.50
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.108.00 - —
c.l., delvd....ton.110.00 - —
l.c.l., ex whse....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton.95.00 - —
c.l., delvd....ton.100.00 - —
l.c.l., ex whse....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd....ton.115.00 - —
l.c.l., ex whse....ton.120.00 -125.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd....ton.105.00 - —
l.c.l., ex whse....ton.110.00 -125.00
USP $20 per ton higher.
Brenner's, bbls....lb. 1.16 - 1.21
Butyric, 95%, w.w., cbys., works, lb. .25 - .30
edible, cbys., works....lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis....lb. .23 - —
tanks, same basis....lb. .21 - —
Camphoric, cans....lb. 5.50 - —
Caproic, cans....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms....lb. .17 - .17½
Chicago, bbls....lb. 2.10 - —
Chinawood oil, dms....lb. .20 - .21
Chlorosulphonic, dms....lb. .06½- .06
Chromic, 99%, dms., delvd, N.Y. lb. .14¾- .16¾
Cinnamic, refd., bots....lb. 2.85 - 3.25
Citric, cryst., bbls....lb. .27 - —
kegs ....lb. .27½- —
gran., bbls....lb. .27 - —
kegs ....lb. .27½- —
powd., bbls....lb. .27½- —
anhyd., gran., dms....lb. .30 - —
powd., dms....lb. .30½- —
Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.
Clove's, bbls....lb. .53 - .54
Coconut oil, white, dms....lb. .09½- .10¼
Cottonseed oil, dms....lb. .07½- .08
Cresylic, 99%, high-boil, straw color, dms., c.l., fob seaboard, f'rt. equald. E, producing points.gal .63 - .64
l.c.l., same basis....gal. .65 - —
c.l., West. f'rt, equald. M.W. prod. points..gal. .66 - .67
l.c.l., same basis....gal. .68 - —
low-boil, straw color, dms., over 500 gals., frt. equald, nearest competitive prod. point....gal. .73 - —
less 500 gals., same basis gal. .75 - —
Acid, cresylic, spec. resin grade, high-boil, dms., over 500 gals., same basis.. gal. .63 - .64
less 500 gals., same basis gal. .65 - —
low-boil, dms., over 500 gals., same basis..lb. .07¾- —
less 500 gals., same basis lb. .08 - —
imported, drums....gal. .68 - .81
Crotonic, dms., works....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls....lb. .77 - .79
Formic, dom., 90%, cbys., c.l.lb. .11 - .11½
l.c.l. ....lb. .12 - .13
imported, cbys....lb. .11 - .12
Fumaric, bbls....lb. .60 - —
Gallic, tech., bbls....lb. .65 - .68
USP. IX, bbls....lb. .77 - .80
Gamma, bbls....lb. .80 - .84
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls....lb. .50 - .55
Hempseed oil, dms. ....lb. .1180-.1225
Hydriodic, 47% bots....lb. 2.20 - 2.25
57%, bots....lb. 2.65 - 2.70
Hydrobromic, 10%, USP, cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.30
Hydrofluoric, 30%, bbls ....lb. .07 - .07½
lead, cbys....lb. .09 - .09½
48%, lead cbys....lb. .11½- .12
52%, lead cbys....lb. .12½- .13
60%, lead cbys....lb. .15 - .15½
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls....lb. .36 - .37
Lactic, 22%, dark, bbls....lb. .04¼- .05
light, refined, bbls....lb. .06½- .07
44%, dark, bbls....lb. .09½- .10
light, refined, bbls....lb. .11½- .12
USP, X, 85%, cbys....lb. .45 - .50
USP, VIII, 75%, cbys....lb. .43 - .48
Linseed oil, dark or light, dms..lb. .1250-.1290
tanks ....lb. .1190- —
extra white, dms....lb. .11 - .11½
split, dms....lb. .07¾- .08
refined, dms....lb. .08½- .09
Laurent's, bbls....lb. .46 - .47
Maleic, powd., dms....lb. .29 - .40
anhydride, dms....lb. .32 - .43
Malic, powd., kegs....lb. .45 - .60
Mixed, tanks, nitric unit....lb. .04½- .07½
sulphuric unit....lb. .0085- .009
Monochloracetic, tech., bbls..lb. .16 - .18
99%, bbls....lb. .18 - .20
Monosulphonic, bbls....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....100 lbs. 1.00 - —
20°, cbys., c.l., works..100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
5 to 9, works..100 lbs. 2.05 - —
1 to 4, works..100 lbs. 3.00 - —
truckloads, delvd...100 lbs. 1.70 - —
tanks, works....100 lbs. 1.10 - —
22°, cbys., c.l., works..100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
5 to 9, works..100 lbs. 2.55 - —
1 to 4, works..100 lbs. 3.50 - —
truckloads, delvd...100 lbs. 2.20 - —
tanks, works....100 lbs. 1.60 - —
CP, cbys....lb. .06¼- .07½
6-lb. bots....lb. .06½- .12½
Naphthenic, S.V. 120-200, dms. lb. .07 - .09
210-280, dms....lb. .10 - .12
240-280, dms....lb. .11 - .14
sludges, dms....lb. .06 - .10
Neville & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys., c.l., works, 100 lbs. 5.00 - —
l.c.l., 25 and over, works, 100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
5 to 9, works..100 lbs. 5.60 - —
1 to 4, works..100 lbs. 6.50 - —
truckloads, delvd..100 lbs. 5.25 - —
38°, cbys., c.l., works..100 lbs. 5.50 - —
l.c.l., 25 and over, works, 100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
5 to 9, works..100 lbs. 6.10 - —
1 to 4, works..100 lbs. 7.00 - —
truckloads, delvd...100 lbs. 5.75 - —
40°, cbys., c.l., works..100 lbs. 6.00 - —
l.c.l., 25 and over, works, 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
5 to 9, works..100 lbs. 6.60 - —
1 to 4, works..100 lbs. 7.50 - —
truckloads, delvd...100 lbs. 6.25 - —
42°, cbys., c.l., works..100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
5 to 9, works..100 lbs. 7.10 - —
1 to 4, works..100 lbs. 8.00 - —
truckloads, delvd...100 lbs. 6.75 - —
CP, cbys....lb. .11½- .12½
7-lb. bots....lb. .12½- .22½
Prices of yellow nitric acid 26c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls....lb. .11½- .12½
Palm oil, dms....lb. .0760-.0825
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Peri, bbls....lb. .62 - —
Perilla oil, dms....lb. .1110-.1150
Phenylacetic, bots....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys....lb. .09 - —
USP, 85%, s.g. 1.710, djns.lb. .14 - .15
50%, s.g. 1.347, cbys., djns., lb. .14 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Acid, picramic, kgs....lb. .65 - .70
Picric, bbls., c.l....lb. .30 - —
l.c.l. ....lb. .35 - .40
Propionic, tech., cbys., dms.lb. .16 - .20
Pyrogallic, cryst., cns....lb. 1.55 - 1.65
resubl, cns....lb. 1.90 - 2.00
Rapeseed oil, dms....lb. .12 - .13
Ricinoleic, dms....lb. .20 - .28
Salicylic, tech., bbls....lb. .40 - —
USP, bbls....lb. .40 - .45
Sardine oil, dms....lb. .09¼- .09½
Sebacic, tech., bbls., works..lb. .58 - —
Soybean oil, dms....lb. .09¾- .10¼
Stearic, distil., double pressed, bgs., delvd..lb. .08½- .09½
single pressed, bgs., delvd.lb. .08 - .09
triple pressed, bgs., delvd.lb. .11¼- .12¼
saponif., double pressed, bgs., delvd..lb. .09 - .10
triple pressed, bgs, delvd.lb. .11½- .12½
Succinic, bbls....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works....lb. .18 - .19
Sulphonaphthenic, dms....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., works, 100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
5 to 9, works..100 lbs. 1.70 - —
1 to 4, works..100 lbs. 2.65 - —
tanks, works....ton.11.00 - —
66°, cbys., c.l., E works, 100 lbs. 1.35 - —
mid-W works....100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....ton.15.50 - —
98%, tanks, works....ton.16.50 - —
CP, cbys....lb. 06¼- 07½
9-lb. bots....lb. .06½- .17½
fuming, 20%, tanks, works.ton.18.50 - —
Sunflower seed oil, dms....lb. .16 - .16¾
Tannic, tech., bbls....lb. .19 - .25
USP, fluffy, bbls....lb. .83 - .88
Tartaric, USP, dom., cryst., gran., powd., bbls....lb. .24 - —
kgs. ....lb. .24½- —
Tobias, bbls....lb. .70 - .72½
Trichloracetic, bots....lb. 2.45 - 2.50
Tungstic, CP, kgs....lb. 2.45 - 2.70
tech., kgs....lb. 1.50 - 1.60
Aconite leaves, bls....lb. .22 - .24
Root, bls....lb. .26 - .27
Aconitine, amorph., vls....oz.17.00 - —
cryst., vls....oz.30.00 - —
Adeps lanae, anhyd., dms....lb. .17½- .19
hyd., dms....lb. .16 - .18
Agar Agar, 1, bls....lb. .70 - .71
2, bls....lb. .67 - .68
3, bls....lb. .54 - .55
Agaric, white, bls....lb. 4.50 - 4.75
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago..lb. .13 - —
ton lots, Chicago....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .60 - .80
2, dms., Chicago....lb. .45 - .50
import, bgs....lb. .50 - —
Egg, ed., dom., bbls....lb. 1.05 - —
import, cs....lb. .79 - .81
Milk, grd., sks., c.l....ton. No stocks
ungrd., sks., c.l....ton. No stocks
Vegetable, ed., bbls., works..lb. .65 - .70
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., dlvd..lb 15 - —
l.c.l., dlvd....lb. .157 - —
tanks, dlvd....lb. .143 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l., frt. alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
Benzyl, bots....lb. .65 - 1.20
Butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt. alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
secondary, dms, c.l., f.o.b. dest..lb. .08¾- —
l.c.l., f.o.b. dest....lb. .09 - —
tanks, f.o.b. dest....lb. .07½- —
tertiary, denating, dms, frt. alld..lb. .14 - —
Capryl, pure, dms., works....lb. 2.50 - —
tech., dms., works....lb. .85 - —
Cetyl, dom., CP., fiber, etna. 1,000 lbs..lb. 1.50 - —
500 lbs....lb. 1.70 - —
100 lbs....lb. 1.80 - —
25 lbs....lb. 1.90 - —
5 lbs....lb. 2.00 - —
com'l, dms....lb. .95 - —
import., 85%, dms., 190 lbs.lb. .65 - —
5 to 10 lbs....lb. .75 - —
com'l, dms., 350 lbs....lb. .40 - —
Cinnamic, bots....lb. 3.40 - 3.50
Denatured, CD5 revis.; 5A; 10, 188 pf., dealers, 54-gal. dm., dlvd. E..gal. .40 - —
5-gal. dm., dlvd. E..gal. .46 - —
1-gal. can. dlvd. E..gal. .51 - —
Prices for territories other than E. of Rockies 8c. per gal. higher. Authorized jobbers' discount 20%. Tankcar sales re-jobbers' discount 20%. Tankcar sales require written authorization by Alcohol Tax Unit.
SD1, 190 pf., bbls., c.l., E. works..gal. .34 - —
l.c.l., 5 to 19, E. works, gal. .40 - —
1 to 4, E. works...gal. .42 - —
Alcohol, denat., SD1, 190 pf., dms., c.l., E. works...gal. .33 - —
f.o.b. W. points...gal. .39 - —
l.c.l., 20, E. works..gal. .35 - —
5 to 19, E. works..gal. .39 - —
1 to 4, E. works...gal. .41 - —
l.c.l., f.o.b. W. points, gal. .43 - —
tanks, E. works....gal. .28 - —
Anhydrous, 5c. per gal. higher. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.
Special solvent, dms., c.l., E. works...gal. .32 - —
f.o.b. W points....gal. .40 - —
l.c.l., 10 to 71, f.o.b. W. points..gal. .50 - —
20, E. works....gal. .34 - —
5 to 19, E. works....gal. .38 - —
5 to 9, f.o.b. W. points, gal. .52 - —
1 to 4, E. works....gal. .40 - —
f.o.b. W. points...gal. .54 - —
1 or more for paint mfrs. or jobbers, f.o.b. W. points..gal. .44 - —
tanks, E. works....gal. .27 - —
f.o.b. W. points....gal. .35 - —
Tankcar sales require written authorization by Alcohol Tax Unit. W. points are:—C.l., Los Angeles, Portland, San Francisco, Seattle, Tacoma; l.c.l., Los Angeles, San Francisco.
Diacetone, pure, contract, dms., c.l., frt. alld....lb. .18 - —
l.c.l., frt. alld....lb. .18¼- —
tech., contract, dms., c.l., frt. alld....lb. .17 - —
l.c.l., frt. alld....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls., c.l....gal. 4.13 - —
l.c.l. ....gal. 4.15 - 4.38
dms., c.l....gal. 4.13 - —
l.c.l. ....gal. 4.14 - 4.34
tanks ....gal. 4.07 - —
absolute, dms....gal. 4.54 - 4.69½
Grain alcohol 40c. per gal. higher.
Hexyl, secondary, dms., c.l., f.o.b., dest....lb. .125 - —
l.c.l., f.o.b. dest....lb. .12 - —
tanks, f.o.b. dest....lb. .115 - —
Isoamyl, primary, dms., l.c.l., dlvd. ....lb. .27 - —
cans, works....lb. .23 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies..lb. .09½- —
l.c.l., same terms....lb. .10 - —
tanks, same terms....lb. .08½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing ....gal. .55 - —
l.c.l., same terms....gal. .60 - .90
98%, dms., c.l., same terms, gal. .70 - —
l.c.l., same terms....gal. .75 - —
denat. grd., dms., c.l., frt. alld..gal. .32 - —
l.c.l., ft. alld....gal. .42 - —
Methyl (see Methanol)
Phenylethyl, bots....lb. 3.00 - 4.20
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works....lb. .25 - —
Aletris root, bgs....lb. .30 - .31
Alizarin (see Red, alizarin)
Alkanet root, bgs....lb. .10 - .11
Aloe, Barbados, true, cs....lb. .85 - .90
Cape, cs....lb. .15 - .16
Curacao, cs....lb. .21 - .22
gourds, bbls....lb. .50 - .51
Socotrine, kgs....lb. .35 - .36
Aloin, bbls., cns....lb. 1.50 - 1.55
Alphanaphthol, bbls....lb. .60 - .65
Alphanaphthylamine, bbls....lb. .33 - .37
Althea root, cube cut, bls....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works...100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls....lb. .07 - .07½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd....100 lbs. 4.25 - 4.50
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs, works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs. or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works lb. .06½- .07
solut., dms., works....lb. .03 - .04½

EMPIRE

"THE RIGHT SPIRIT"

Pure ethyl alcohol, U.S.P., neutral spirits, and all high number formulas.

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For shellacs, spirit soluble gums and lacquers—Empire Proprietary No. 1.

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Whatever Alcohol You Require,
We Make The Best Of It

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Yonkers, New York

New York City Phone, direct connection: MArble 7-4477—4478

Alumina Hydr't.—Amyl Alcohol

Alumina hydrate, heavy, bbls., 20 and over, works	lb.	.04	—
less than 20, works	lb.	.04½	—
light, bbls., dlvd	lb.	.13	—
Blasta, dms., contr	lb.	.16½	—
open order	lb.	.17½	.18½
Palmitate, precip., bbls., ton	lb.	.21	—
smaller lots	lb.	.22	—
Resinate, precip., dms., dlvd	lb.	.15	—
Stearate, precip., bbls., ctns., c.l.	lb.	.18	—
l.c.l., ton	lb.	.19	—
less than ton	lb.	.20	—
Sulphate, com'l, bgs., c.l., works, frt. equald.	100 lbs.	1.35	—
l.c.l., works, frt. equald.	100 lbs.	1.60	—
bbls., c.l., works, frt. equald.	100 lbs.	1.55	—
l.c.l., works, frt. equald.	100 lbs.	1.80	—
Iron-free, bgs., c.l., works,	100 lbs.	2.00	—
l.c.l., works	100 lbs.	2.25	2.60
truckload, dlvd. met. N.Y.	100 lbs.	2.40	—
10 to 24, dlvd. met. N.Y.	100 lbs.	2.55	—
5 to 9, dlvd. met. N.Y.	100 lbs.	2.80	—
1 to 4, dlvd. met. N.Y.	100 lbs.	3.00	—
bbls., c.l., works	100 lbs.	2.20	—
l.c.l., works	100 lbs.	2.45	2.80
truckloads, dlvd., met. N.Y.	100 lbs.	2.60	—
10 to 24 dlvd. met. N.Y.	100 lbs.	2.75	—

Alumina sulphate, iron free, bbls.:—			
5 to 9, dlvd. met. N.Y.	100 lbs.	3.00	—
1 to 4, dlvd. met. N.Y.	100 lbs.	3.50	—
Aluminum, 98-99%, dms., c.l.	lb.	.19	.19½
l.c.l.	lb.	.20	.21
Powder, dry, lining, ext. fine, dms., 30,000 lbs., f.o.b. ship. pt. (see note below)	lb.	.90	—
3,000-30,000 lbs., same basis	lb.	.93	—
1,000-3,000 lbs., same basis	lb.	.95	—
less than 1,000 lbs., same basis	lb.	1.00	—
standard, dms., 30,000 lbs., same basis	lb.	.39	—
3,000-30,000 lbs., same basis	lb.	.33	—
1,000-3,000 lbs., same basis	lb.	.35	—
less than 1,000 lbs., same basis	lb.	.60	—
Utho ext. brilnt., dms., 30,000 lbs., same basis	lb.	.41	—
3,000-30,000 lbs., same basis	lb.	.43	—
1,000-3,000 lbs., same basis	lb.	.46	—
less than 1,000 lbs., same basis	lb.	.51	—
ext. fine, dms., 30,000 lbs., same basis	lb.	.45	—
3,000-30,000 lbs., same basis	lb.	.47	—
1,000-3,000 lbs., same basis	lb.	.50	—
less than 1,000 lbs., same basis	lb.	.55	—

Aluminum, powder, dry, litho., standard, dms., 30,000 lbs., same basis	lb.	.40	—
3,000-30,000 lbs., same basis	lb.	.42	—
1,000-3,000 lbs., same basis	lb.	.43	—
less than 1,000 lbs., same basis	lb.	.50	—
wallpaper, dms., 30,000 lbs., same basis	lb.	.40	—
3,000-30,000 lbs., same basis	lb.	.42	—
1,000-3,000 lbs., same basis	lb.	.45	—
less than 1,000 lbs., same basis	lb.	.50	—
rubber comp., dms., 30,000 lbs., same basis	lb.	.38	—
3,000-30,000 lbs., same basis	lb.	.41	—
1,000-3,000 lbs., same basis	lb.	.44	—
less than 1,000 lbs., same basis	lb.	.49	—
unpolished, standard, dms., 30,000 lbs., same basis	lb.	.35	—
3,000-30,000 lbs., same basis	lb.	.37	—
1,000-3,000 lbs., same basis	lb.	.40	—
less than 1,000 lbs., same basis	lb.	.45	—
varnish, ext. brilnt., dms., 30,000 lbs., same basis	lb.	.41	—
3,000-30,000 lbs., same basis	lb.	.43	—
1,000-3,000 lbs., same basis	lb.	.46	—
less than 1,000 lbs., same basis	lb.	.51	—

Aluminum, powder, dry, varnish, ext. fine, dms., 30,000 lbs., same basis	lb.	.45	—
3,000-30,000 lbs., same basis	lb.	.47	—
1,000-3,000 lbs., same basis	lb.	.50	—
less than 1,000 lbs., same basis	lb.	.55	—
standard, dms., 30,000 lbs. same basis	lb.	.40	—
3,000-30,000 lbs., same basis	lb.	.42	—
1,000-3,000 lbs., same basis	lb.	.45	—
less than 1,000 lbs., same basis	lb.	.50	—
paste, fine lining, dms., 30,000 lbs., same basis	lb.	.66	—
3,000-30,000 lbs., same basis	lb.	.67	—
1,000-3,000 lbs., same basis	lb.	.70	—
less than 1,000 lbs., same basis	lb.	.75	—
extra, dms., 30,000 lbs., same basis	lb.	.70	—
3,000-30,000 lbs., same basis	lb.	.72	—
1,000-3,000 lbs., same basis	lb.	.75	—
less than 1,000 lbs., same basis	lb.	.80	—
ma, dms., 30,000 lbs., same basis	lb.	.80	—
3,000-30,000 lbs, same basis	lb.	.82	—
1,000-3,000 lbs, same basis	lb.	.85	—
less than 1,000 lbs., same basis	lb.	.90	—
ink, dms., 30,000 lbs., same basis	lb.	.75	—
3,000-30,000 lbs., same basis	lb.	.77	—
1,000-3,000 lbs., same basis	lb.	.80	—
less than 1,000 lbs., same basis	lb.	.85	—
standard, dms., 30,000 lbs., same basis	lb.	.42	—
3,000-30,000 lbs., same basis	lb.	.45	—
1,000-3,000 lbs., same basis	lb.	.48	—
less than 1,000 lbs., same basis	lb.	.53	—

Aluminum powder and paste, c.l. prices 2c. per lb. below 30,000-lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. net subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston, Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins	oz.	23.00	35.00
Amidopyrene, cns	lb.	4.00	4.10
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.), works	lb.	.04½	—
refrigeration, tanks, works	lb.	.05½	—
pure, cyls., dlvd., met. N.Y.	lb.	.16	.22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Acetate, kgs	lb.	.26	.33
Aldehyde, dms	lb.	.65	.70
Aqua, 26°, cbys	lb.	.05½	—
dms., c.l.	lb.	.02½	—
l.c.l.	lb.	.02¾	—
tanks (on NH_3 content)	lb.	.05	.05¼
tankwagons	lb.	.024	—
Bicarbonate, bbls., c.l., works,	100 lbs.	5.15	—
l.c.l., dlvd N.Y.	100 lbs.	5.71	—
Bifluoride, bbls.	lb.	.15	.17
Borate, bbls., kgs.	lb.	.15	.16
Bromide, gran., bbls.	lb.	.35	.36
Carbonate, tech., dom., bbls.	lb.	.08	.12½
imported, casks	lb.	.08	.12½
USP, lump, bbls.	lb.	.08	.09
casks	lb.	.07	—
powd., bbls.	lb.	.09	.10
Chloride, tech. (see Ammoniac, sal)			
USP, gran., bbls.	lb.	.12½	.18
Citrate, kgs.	lb.	.80	.86
Fluoride, bbls.	lb.	.17	.19
Hydroxide (see Ammonia, aqua).			
Hypophosphite, bbls.	lb.	1.10	1.15
Iodide, jars	lb.	3.40	3.45
Laurate, bbls.	lb.	.10	—
Linoleate, 50%, anhyd., bbls.	lb.	.11	—
Naphthenate, bbls.	lb.	.11	—
Nitrate, tech., csks.	lb.	.04	Nom.
Oleate, bbls.	lb.	.10	—
Oxalate, neutral, cryst., powd., bbls.	lb.	.26	.27
pure, cryst., bbls., kgs.	lb.	.27	.28
Perchlorate, kgs.	lb.	.16	—
Persulphate, kgs.	lb.	.21	.22½
Phosphate, dibasic, NF, bbls.	lb.	.34	.36
tech., bbls., c.l.	lb.	.07½	—
l.c.l.	lb.	.09	.10
monobasic, pure, bbls.	lb.	.40	.42
tech., bbls., c.l.	lb.	.07½	—
l.c.l.	lb.	.09	.10
Ricinoleate, bbls.	lb.	.15	—
Salicylate, USP., kgs.	lb.	1.15	1.20
Sulphate, dom., bulk, c.l., Jun., dlvd. Ill., Ind., Mich., Ohio	ton.	24.00	—
f.o.b. cars, Atlantic, Gulf, ports	ton.	26.00	—
Birmingham, Ala., ovens	ton.	26.00	—
Northern ovens	ton.	24.00	—
barge lots, Sparrows Point, Md., Brooklyn, N. Y.	ton.	25.00	—
dbl bgs., export, f.a.s. N.Y.	ton.	No prices	
import., bulk, c.i.f. Atlantic ports	ton.	26.00	Nom.
bgs., c.i.f. Atlantic ports	ton.	27.00	Nom.
Sulphide, liquid, dms.	lb.	.15	—
tanks	lb.	.12	—
Sulphocyanide, kgs.	lb.	.55	—
Ammoniac, gum (see Gum, ammoniac).			
Sal, gray, dom., bbls., c.l.	100 lbs.	5.00	5.25
l.c.l.	100 lbs.	5.50	5.75
import., gran., casks	lb.	.05½	.06
lump, bbls.	lb.	.10½	.18
white, gran., dom., bbls., contracts, works	100 lbs.	4.45	5.05
import., casks	100 lbs.	4.45	5.05
Amyl acetate, ex fusel oil, dms., c.l., works	lb.	.12	.13
l.c.l., frt. alld	lb.	.12½	.13½
tanks, works	lb.	.11	.13
ex pentane, dms., c.l., delvd.	lb.	.142	—
l.c.l., delvd	lb.	.149	—
tanks, delvd	lb.	.125	—
secondary, dms., c.l., f.o.b. dest.	lb.	.06½	—
l.c.l., f.o.b. dest	lb.	.10	—
tanks, f.o.b. dest	lb.	.05½	—
Alcohol (see Alcohol, amyl).			

PENTAPOINT

Pent-Acetate or combinations of Pentasol and Pent-Acetate have superior resistance to blushing under the most severe conditions. Approximately two volumes of either material will form a constant boiling mixture with water—and is sufficient to remove one volume of water from the film.

PENTASOL and PENT-ACETATE assure uniformly high quality lacquers during the heat and humidity of summer. Properly formulated, these pure amyl solvents eliminate blush and orange peel. They assure excellent flow, leveling and gloss in the lacquer film.

PENTASOL and PENT-ACETATE are ALL AMYL—Sharples made and Sharples guaranteed.

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Amyl, butyrate, bots.....lb. .90 - 1.00
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, small lots, works.....lb. .56 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works.....lb. 1.10 - —
Nitrite, bots.....lb. 1.30 - 1.65
Salicylate, cns.....lb. .65 - 1.25
Amylene, dms., c.l.....lb. .102 - —
l.c.l.....lb. .11 - —
tanks.....lb. .09 - —
Anethol, bots.....lb. 1.05 - 1.10
Angelica root, dom., bls.....lb. .25 - .35
Import, natural, bls.....lb. .50 - .55
twisted, bls.....lb. .55 - .60
Angostura bark, bls.....lb. .35 - .40
Anilin oil, dms.....lb. .16½- .17½
tanks.....lb. .15 - —
Anise, Russian, bgs.....lb. .09 Nom.
Spanish, bgs.....lb. .06¾- .10
Star, bgs.....lb. .13½- .14
Anisic aldehyde, bots.....lb. 2.15 - 3.00
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07 - .08
Anthraquinone, 99.5%, subl., bbls lb. .50 - .53
Antimony, butter (see Antimony chloride).
Chloride, solut., dom., cbys.lb. .13 - .17
import., cbys.....lb. .14½- —
Metal, dom.....lb. .11½- —
import., c.i.f.....lb. .09½- —
Needle, powd., bbls.....lb. .11½- .13
Oxide, dom., bbls., c.l.....lb. .13¼- —
l.c.l.....lb. .13½- —
imports, bbls.....lb. .13¾- —
Salts, 65 p.c., kgs.....lb. .22 - .25
Sulphuret, golden, bbls.....lb. .22 - .28
White pigment, bgs., Texas works, frt. alld. to ¼c. lb. c.l..lb. .10¼- .12¼
Antipyrene, cns., ton lots.....lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, cns.....oz. 23.70 - 23.90
Archil extract, conc., bbls....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .19
Arecoline hydrobromide, bots., vls..oz. 5.50 - 5.75
Argols, crude, 80%, csks.....lb. .07 - .08
80-85%, csks.....lb. .14 - .15
Arnica flowers, bls.....lb. .24 - .25
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs—lb. .08½- .09
bbls.....lb. .08¾- .09¼
Arsenic iodide (arsenous), bots., jars..lb. 5.15 - 5.20
Metal, lump, cs.....lb. .42 - .46
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs. c.l.....lb. .03¼- —
l.c.l.....lb. .04¼- —
Japanese, cs.....lb. .03¾- .04¼
Arsenous chloride, liq., bots..lb. 1.85 - —
Asafetida, cs.....lb. .19 - .20
powd., bbls., bxs.....lb. .30 - .31
Asbestine (see Talc, N.Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b.N.Y.....lb. .02½- —
smaller lots, f.o.b.N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y.lb. .06¼- —
smaller lots, f.o.b.N.Y..lb. .10½- —
California, dms., c.l., f.o.b.N.Y. ton.29.00 - —
l.c.l., f.o.b.N.Y.....ton.36.50 - —
Cuban, A., bgs., c.l., f.o.b.N.Y. ton.60.00 - —
l.c.l., f.o.b.N.Y.....ton.90.00 - —
B, bgs., c.l., f.o.b.N.Y....ton.35.00 - —
l.c.l., f.o.b.N.Y.....ton.55.00 - —
Egyptian, bgs, c.l., f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b.N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Colo. points.....ton.32.00 - —
seconds, bgs., c.l., Colo. points .....ton.25.50 - —
selects, bgs., c.l., Colo., Utah points..ton.30.50 - —
l.c.l., f.o.b. or N.J. or N.Y. whse..ton.49.50 - —
Maltha, dms., c.l., f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b.N.Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbadoes).
Mexican, Texas, dms., c.l., refinery.....ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., refinery..gal. .13 - —
dms., c.l., refinery.....gal. .12 - —
tanks, Calif., refinery...gal. .06 1/2 - —
East Coast, Ill., Ind. refinery..gal. .06¾- —
N. Orleans refinery....gal. .06 - —
Wyo. refinery.....gal. .07¼- —
Atropine alkaloid, vls.....oz. 5.25 - 5.40
Sulphate, vls.....oz. 2.25 - 2.60

B

Balm of Gilead buds, bgs....lb. .21 - .25
Barberry bark bgs.....lb. .10 - .11
Root bark, bls.....lb. .16 - .17
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton.42.00 - —
99% 200 mesh, bgs., c.l., works..ton.45.00 - —
precip., bgs.....ton.56.50 -61.50
Chlorate, kgs.....lb. .15½- .17½
Chloride, CP., cryst., bbls..lb. .18 - .20
tech., dom., cryst., bbls., bgs., c.l., works..ton.72.00 -74.00
l.c.l. delvd., N.Y. ton.8[illegible] -87
Barium dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls.....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .05½- .07½
Iodide, bots.....lb. 4.40 - 4.45
Monoxide (see Oxide).
Nitrate, csks.....lb. .08¼- —
Oxide, dms.....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech (see Barytes and blanc fixe)
X-ray, bbls.....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.28.85 - —
l.c.l., ex whse., Boston, ton.36.00 - —
Chicago .....ton.30.85 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St Louis, ton.22.85 - —
Barytes dom., floated, paper bags, l.c.l., ex car, Baltimore, ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.95 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia.....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
96.75%, bulk, mines....ton.16.00 - —
German, grd., bbls., c.l., ex dock, t.a..ton.24.00 - —
l.c.l., ex whse.....ton.29.00 - —
ungrd., bulk, c.l., ex dock, ton.18.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 - —
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum import., bbls.....gal. .70 - .75
Bayberry bark, bgs.....lb. .07½- .08
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .11 - .12
Bentonite, 1, 90% 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92% 200 mesh, bgs., Wyo. works..ton.11.00 - —
Benzaldehyde, tech., dms.....lb. .60 - .62
USP, IX, dms.....lb. 1.10 - 1.20
USP, X, dms.....lb. 1.30 - 1.35
Benzene (see Benzol)
Benzidin base, bbls.....lb. .72 - .74
Benzol, 90%, dms., works....gal. .23 - —
tanks, frt. alld. E. of Omaha, gal. .18 - —
nitration, dms, works.....gal. .24 - —
tanks, frt. alld. E. of Omaha, gal. .19 - —
pure, dms, works.....gal. .28 - —
tanks, frt. alld. E. of Omaha, gal. .18 - —
Benzol tank prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .45
Peroxide, cns, works.....lb. 1.85 - —
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins..lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidin acetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, bots.....lb.13.00 - —
Hydrochloride, bots.....lb.13.00 - —
Sulphate, bots.....lb.13.00 - —
Berberis root, bls.....lb. .09 - .10
Betanaphthol, sublim., bbls....lb. .55 - —
tech., bbls.....lb. .24 - .27
Benzoate, bbls., kgs.....lb 2.35 - 2.50
Betanaphthylamine, tech., kgs lb 53 - .56
Beth root, bls.....lb 10 - 11
Bismuth, chloride, bxs.....lb. 3.20 - 3.25
Citrate, USP, VIII, bxs.....lb. 2.65 - 2.70
Hydroxide, bxs.....lb. 3.15 - 3.20
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., jars.....lb. 1.20 - 1.25
Oxychloride, bxs.....lb. 2.95 - 3.00
Subbenzoate, bxs.....lb. 3.25 - 3.30
Subcarbonate, fib. dms.....lb. 1.40 - 1.45
X-ray, bots., fib. dms.....lb. 2.60 - 2.65
Subgallate, bbls.....lb. 1.50 - 1.55
Subiodide, bots.....lb. 3.88 - 3.93
Subnitrate, powd., bots., fib. dms..lb. 1.30 - 1.35
Subsalicylate, 62-66%, bbls...lb. 2.35 - 2.40
Sulphocarbolate, bots.....lb. 3.60 - 3.65
Trioxide, powd., bxs.....lb. 3.45 - 3.50
Bismuth-ammonia citrate, USP, powd., cns..lb. 3.30 - 3.35
Bismuth-betanaphthol, bxs.....lb. 3.05 - 3.10
Black, bone, 1A, bbls., bgs., c.l. frt. alld. E..lb. .18 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .06¾- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .08 - —
l.c.l., frt. alld. E.....lb. .05½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd .....lb. .07½- —
ctns, l.c.l., dlvd.....lb. .06¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .05½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs, c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd.....lb. .30 - —
cs., l.c.l., dlvd.....lb. .32 - —
5, bgs., c.l., works.....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .65 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs, c.l., delv'd rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports...lb. .0475 - —
50,000 lbs., dlvd. Zone C (Pac. Cst. States)..lb. .0490 - —
30,000 lbs., dlvd. Zone C (Pac. Cst. States)..lb. .0506 - —
c.l., dlvd. rail zone:—
D (Ill., Ia., Wis.)....lb. .0490 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535 - —
G (Mexico).....lb. .0520 - —
dlvd. all zones....lb. .07 - —
ctns., dlvd. all zones....lb. .07¾- —
cs dlvd. all zones.....lb. .08¼- —
export, full, compral., cs., f.a.s. Gulf ports .lb. .06½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .08 Nom.
Charcoal (see C).
Graphite (see G)
Iron oxide magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls, l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .06¾- —
Ivory, genuine, bbls.....lb. .20 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
Black, lamp, dom, 2A, ctns, c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works .....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b. N. Y..lb. .06 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N.Y...lb. .14 - —
l.c., f.o.b. N. Y. ...lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y. ...lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04¼- —
B, bbls., works or N. Y....lb. .05¼- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .20 - .21
Tree bark, bls.....lb. .11 - .12
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l .....ton.65.00 -70.00
high grade precip., bgs, c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.60
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton. 2.50 - —
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 2.75 - —
import, bgs., c.i.f. ports, June shipt..unit-ton. 2.75 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .12 - .13
Blue, alkali, toner, bbls., dlvd. N of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Soluble, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Ultramarine, dry, jobbing, bbls., works, frt. equald..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls, same basis.....lb. .17 - —
3, bbls., same basis.....lb. .18 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis.lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis. lb. .19 - —
2, bbls., same basis.....lb. .19 - —
3, bbls., same basis.....lb. .21 - —
4, bbls, same basis.....lb. .22 - —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .26 - —
pulp, 1, bbls., same basis...lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls, same basis.....lb. .19 - —
Ultramarine blue dlvd ex whse. is 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes, 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed unler Dyes.
Blue mass, USP., cns., kgs....lb. .89 - .91
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Copper Hill, Tenn. 100 lbs. 4.00 - —
16-25, same basis.100 lbs. 4.15 - —
6-15, same basis..100 lbs. 4.25 - —
3-5, same basis...100 lbs. 4.50 - —
1-2, same basis...100-lbs. 4.70 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .08 - .081
jobbers, E. of Rockies.lb. .08 - .081
l.c.l., dealers, E. of Rockies..lb. .09 - .093
jobbers, E. of Rockies.lb. .095 - .096
Bluefag root, bls.....lb. .12 - .14
Bluestone (see Blue vitriol)
Bone, raw, dom., 4¼% ammon., 50% phos., bgs., f.o.b. Chicago..ton.21.00 -25.00
c.i.f. Atlantic ports..ton.27.00 -28.00
S.A., bgs., c.i.f., ports..ton.26.00 - —
steamed, dom., 1½% ammon., 60% phos., bgs., f.o.b. Chicago..ton.16.00 -17.00
import., 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.23.00 - —
Meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.18.00 -19.00
import, 100-lb. bgs., c.i.f. ports..ton.22.50 - —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.).
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tns min., dlvd..ton.58.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls, contracts, 80 tons min., dlvd..ton.50.00 - —
c.l. dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks, contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00

Amyl Butyrate—Calcium Arsen.

Borax, tech. 99½%, powd., bbls., contracts, 80 tons min., dlvd. ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, cs., dms., tins, c.l., dealers, East..lb. .08¼- .14¾
West .....lb. .09 - .11
jobbers, East.....lb. .08 - .14½
West .....lb. .08 - .10
l.c.l., dealers, East, 1,000 lbs. and over..lb. .08¾- .15¼
101 to 999 lbs.....lb. .09¾ .15¼
100 lbs. or less.....lb. .10¾- .15¾
West .....lb. .09½- .11½
jobbers, East.....lb. .08¾- .14¾
West .....lb. .08½- .10¼
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., c.l., works..lb. .36 - —
1,000 lbs., works.....lb. .38 - —
smaller lots, works.....lb. .42 - —
Bromoform USP., jars.....lb. 1.75 - 1.90
Bronze powder, aluminum (See A).
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .65
moulding, cns., dms., over 10 lbs..lb. .55 - .80
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., csks., f.o.b. N.Y. or works.lb. .12¾- —
Metallic, bbls., works.....lb. .03 - —
paper bgs., c.l., works. ....lb. .0185- —
Sienna, burnt, American, bbls., works..lb. .08 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .13 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .08½- —
5, bbls., same basis.....lb. .08¼- —
6, bbls., same basis.....lb. .08 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07½- —
9, bbls., same basis.....lb. .07 - —
10, bbls., same basis.....lb. .06¾- —
11, bbls., same basis.....lb. .06½- —
12, bbls., same basis.....lb. .06 - —
14, bbls., same basis.....lb. .05¾- —
14, bbls., same basis.....lb. .05½- —
raw, American, bbls., works.lb. .03¾- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12¼- —
2, bbls., same basis.....lb. .10¾- —
3, bbls., same basis.....lb. .10¼- —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06½- —
10, bbls., same basis.....lb. .06¾- —
11, bbls., same basis.....lb. .04¾- —
Umber, American, bbls., works. lb. .03¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04¾- —
ex whse. Boston.....lb. .04¾- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04¾- —
Minneapolis .....lb. .04½- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .03¾- —
Walnut crystals, bbls.....lb. .06 - —
Brucine, cns.....oz. .13 - .15
Sulphate, cns.....oz. .06 - .07
Bryonia root, bls.....lb. .10 - —
Buchu leaves, bls.....lb. .50 - .52
Buckthorn bark, true, bls....lb. .09 - .10
Berries, bgs.....lb. .09½- .10
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .06¾- —
l.c.l., dlvd. E.....lb. .05 - —
import., stands.....lb. .11 - .12
Butanes, coml., 16-32°, tanks, group 3..gal. .03¾- .05¾
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09¼- —
l.c.l., contract, frt. alld.lb. .10 - —
tanks, contract, frt. alld.lb. .06¼- —
secondary, dms., c.l., f.o.b. dest..lb. .06¾- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07¼- —
Alcohol (see Alcohol)
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol)
Lactate, dms.....lb. .22½- .23½
Propionate, dms., dlvd.....lb. .15 - .18½
tanks, dlvd.....lb. .17 - —
Butyric ether, dms.....lb. .30 - .35

C

Cadmium bromide, bots., jars..lb. 1.64 - 1.80
Iodide, bots., jars.....lb. 3.75 - 3.80
Lithopone (see Yellow)
Metal, cs.....lb. 1.00 - —
Red (see Red)
Sulphide (see Yellow)
Caffeine, cns., cs., less than 1,000 lbs., contract..lb. 2.20 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 - —
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .19
Calamus root, bleached, cs.....lb. .40 - .45
Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 -
Arsenate, dms., c.l., consumers, S...lb. .06½- —
dealers, E. of Rockies..lb. .06¾- —
South .....lb. .06¾- —
jobbers, E. of Rockies.lb. .06 - —
South .....lb. .06 - —
l.c.l., consumers, S.....lb. .07¼- —
dealers, E. of Rockies, 1,000 lbs. or over..lb. .06¾- —
101 to 999 lbs.....lb. .07¾- —
100 lbs. or less.....lb. .08¼- —
South .....lb. .06¾- —
jobbers, E. of Rockies..lb. .06¾- —
South .....lb. .06¾- —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs or over; no frt. or truck. allowance from plant or whse. pick-up.

Calcium Bromide—Dyes, orange

Calcium bromide, jars....lb. .60 - .62
Carbide, dms....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-80%, bgs. dms., c.l., dlvd. ton.22.00 -25.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.25
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -23.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, pharm., gran., powd., bbls. (125 lbs.)..lb. .60 - —
25 lbs....lb. .67 - —
Glycerophosphate, bbls., kgs., 100 lbs..lb. 1.15 - —
Hypophosphite, cns....lb. .62 - .67
Iodide, bots., jars....lb. 3.70 - 3.75
Lactate, USP, bbls....lb. .25 - .26
Nitrate, bgs., to fert. mfrs., ex vessel..ton.24.25 -25.00
Palmitate, bbls....lb. .21 - .22
Phosphate, dibasic, precip., 38-42% P_2O_5, c.i.f. Atlantic ports..unit-ton. .66 - —
Resinate, precip., bbls., 1 ton..lb. .13 - —
smaller lots....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .18 - —
1 ton....lb. .19 - —
smaller lots....lb. .20 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c. l., works..ton.52.00 - —
l.c.l. ton.56.00 - —
luminous, dom., tins, works. lb. .60 - —
Sulphocarbolate, cs....lb. .47 - .48
Calendula flowers, bls....lb. .65 - .70
Calomel, bxs., kgs....lb. 1.06 - —
Camphor, natural, powd., cs...lb. .55 - .56
slabs, cs....lb. .55 - .56
tablets, tins....lb. .59 - .60
synthetic, dom., gran., powd., bbls.,2,000 lbs....lb. .50½- —
500 lbs....lb. .52½- —
100 lbs....lb. .53½- —
tablets, cs, 2,000 lbs....lb. .55 - —
500 lbs....lb. .57 - —
100 lbs....lb. .58 - —
Monobromate, bxs., kgs....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs...lb. .06¼- .06⅝
Morocco, bgs....lb. .07 - .07½
Turkish, bgs....lb. .07½- Nom.
Canella alba bark, bls....lb. .37 - .38
Cannabis herb, bls....lb. .16 - .17
Cantharides, Chinese, cs....lb. .60 - .65
powd., bxs....lb. .85 - .90
Russian, cs....lb. 1.50 - 1.55
powd., bxs....lb. 1.80 - 1.85
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .06¼- .06⅝
Carbazole, 70-80%, dms....lb. .60 - —
90%, dms....lb. .80 - —
98-99%, dms....lb. .92 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works....lb. .75 - —
secondary, dms., works....lb. .60 - —
small lots, works....lb. .75 - —
Diethyl, dms., works....lb. .60 - —
small lots, works....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .52 - —
l.c.l., works....lb. .54 - —
tanks, works....lb. .52 - —
Methylpropyl, dms., works..lb. .60 - —
smaller lots, works....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works....lb. .75 - —
Carbon bisulphide, dms....lb. .05½- .06⅛
tanks....lb. .04½- —
Dioxide, cyls....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E of Miss. river, N. of Ohio river, including Ky., Va., W. Va.. lb. .05¼- —
l.c.l., same basis....lb. .05⅝- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis....lb. .08¼- —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis....lb. .08¼- —
tanks, same basis....lb. .05 - —
Fire extinguisher liquid, 2¼c. lb. higher.
Cardamom, bleached, cs....lb. 1.05 - 1.25
decorticated, cs....lb. .95 - 1.00
green, bgs....lb. .72 - .75
Carvol, bots....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .18
Case-hardening mixture, 45%, gran., dms., l.c.l....lb. .11⅞- —
lump, dms., l.c.l....lb. .10⅝- —
40%, lump, dms., l.c.l....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd....lb. .13 - .13¼
5 tons, works....lb. .16 - —
smaller lots, works....lb. .16½- —
80-100 mesh, bgs., c.l., dlvd.. lb. .13¼- .13¾
5 tons, works....lb. .16½- —
smaller lots, works....lb. .17 - —
Import, Argent., 20-30 mesh, bxs., c.l., duty pd..lb. .13¼- .13½
80-100 mesh, bgs., c.l., duty pd..lb. .13½- .13⅝
French, 30 mesh, bgs., c.l., duty pd..lb. No prices.
Cassia, Batavia, 1, bgs....lb. .14 - .14¼
3, bls....lb. .08 - .08½
short stick, bls....lb. .12 - .12½
China, rolls, select, cs....lb. .05¾- .06¼
broken, extra, bls....lb. .05½- .05⅝
Saigon, cs....lb. .17⅝- .18¼
Cassia buds, cs....lb. .16¼- .16⅝
Cassia fistula, bskts....lb. .08½- .09
Castile soap, white, bars, cs... 40 lbs.20.60 - —
powd., bbls....lb. .22 - .23
Castoreum, nat., cns....lb.15.00 -18.00
synth., bots....lb.19.00 - —
Castor oil (see Oil, castor)
Pomace, dom., 5¼% ammon., bgs., c.l., works....ton.15.00 -15.50
Import, bgs., c.i.f. ports, shipment..ton. No prices.
Catnep leaves, bls....lb. .18 - .19
Celery seed, French, bgs....lb. .18½- .18¾
Indian, bgs....lb. .12½- .13¼
Celluloid scrap, amber, cs....lb. .12 - .13
black, cs., works....lb. .08 - .09
China white, ivory, cs., works. lb. .12 - .13
dense white, cs., works....lb. .11 - .12
grey, cs., works....lb. .09 - .10
mixed, mottles, opaques, cs., works..lb. .05 - —
shell-demi, cs., works....lb. .09 - .10
translucent pastels, cs., works. lb. .13 - .14
transparent, cs., works....lb. .12 - .13
colors, cs, works....lb. .08 - .09
Shavings, amber, cs., works.lb. .13 - —
colored, mixed, cs., works..lb. .09 - —
white, cs., works....lb. .12 - —
Cellulose acetate, flake, cs., 2,000 lbs., works..lb. .55 - —
1,000 lbs., works....lb. .56 - —
500 lbs., works....lb. .57½- —
100 lbs., works....lb. .60 - —
scrap, transparent, bgs, works lb. No stocks
Cement, white, bbls. (4 bags), 5 tons, dlvd. N.Y..bbl. 6.10 - —
truck dlvy....bbl. 7.40 - —
less than 5 tons, truck dlvy. bbl. 8.06 - —
Cerium hydrate, dms., works..lb. .65 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works....lb. .30 - —
Chalk, precip., ext. light, csks., c.l..lb. .03 - .04
heavy, csks., c.l....lb. .03 - .04
light, csks., c.l....lb. .03 - .04
Chamomile flowers, Hungarian, genuine, cs..lb. .22 - .23
Roman, bls....lb. .28 - .30
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., dlvd. Ala., Del., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.25.40 - —
Ariz., Utah....ton.30.00 - —
Ark., Ill., Ind., Iowa, Kan., La., Minn., Mo., Neb., Okla., Wis. ton.23.00 - —
Colo. ....ton.28.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.25.80 - —
Mich., Ohio, Penn.ton.24.80 - —
N. D., S. D....ton.26.00 - —
Texas ....ton.24.00 - —
El Paso....ton.23.00 - —
l.c.l., works....ton.18.00 - —
Willow, powd.,bbls....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .01625- —
tanks ....lb. .02 - —
powd., bgs., works....lb. .04⅝- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float., 99.75% 800 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works....ton. 9.00 -15.00
bulk, c.l., works..ton. 6.00 - —
99.75% 200 mesh, bgs., c.l., works..ton. 7.50 - —
l.c.l., works....ton. 8.50 -14.50
wet-grd., silk-bolt., 99.9% 325 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works. ton.10.50 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton.22.00 -25.00
powd., csks., l.c.l., ex dock ton.25.00 - —
ex whse....ton.27.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .23 - .24
500 lbs....lb. .26 - .28
100 lbs....lb. .28 - .29
25 lbs....lb. .90 - .96
1-10 lbs....lb. .95 - 1.02
dms., 1,000 lbs....lb. .20 - —
500 lbs....lb. .23 - —
50-lb. dms....lb. .25 - —
USP, 650-lb. dms....lb. .30 - —
100-lb. dms....lb. .32 - —
50-lb. dms....lb. .33 - —
Chloropicrin, comi., cyls., works. lb. .80 - .90
Chrome acetate, bbls....lb. .05 - .06
Cake, bulk., c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, bxs., cns., fib. dms..lb. .40 - .45
powd., bxs., cnt., fib. dms.lb. .45 - .50
scales, bxs., cns., fib. dms.lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns....lb. 3.25 - 3.30
Cinchona bark, Dutch, chips, bgs. lb. .17 - .18
high test, bgs....lb. .25 - .26
quills, broken, bgs....lb. .17 - .18
long, cs....lb. .55 - .60
short, bgs....lb. .50 - .55
Ecuador, tubes....lb. .16 - .17
Cinchonidine, cryst., powd., cns.oz. .80 - .87
Sulphate, cns....oz. .47 - —
Cinchonine cryst., powd., cns.oz. .50 - .58
Sulphate, cns....oz. .34 - —
Cinchophen, USP., bbls....lb. 2.64 - —
bxs., dms., kgs....lb. 2.75 - 2.80
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f c., bots....lb. 1.85 - 2.00
Cinnamon, Ceylon, 2, bls....lb. .15 - .15½
3, bls....lb. .14¼- .15
Citral, cns....lb. 1.75 - 2.15
Citrine ointment, jars, tubes.lb. .57 - —
Citronellal, bots....lb. 2.00 - 2.50
Citronellol, bots....lb. 1.90 - 2.15
Clove, Madagascar, bls....lb. .14 - .14½
Zanzibar, bls....lb. .14¼- .14¾
Clover tops, bls....lb. .12 - .14
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works....bbl. 8.00 - —
tanks, works....gal. .07 - .08
refd., bbls., c.l., works...bbl. 7.75 - —
l.c.l., works....bbl. 8.50 - —
tanks, works....gal. .08 - .10
water-gas, crude, dms., c.l., works..dm. 6.75 - —
l.c.l., works....dm. 7.50 - —
tanks, works....gal. .07 - .08
refd., dms., c.l., works..dm. 7.25 - —
l.c.l., works....dm. 8.00 - —
tanks, works....gal. .08 - .09
Cobalt acetate, bbls., dlvd....lb. .55 - .57
kgs., dlvd....lb. .62 - —
Carbonate, tech., bbls., dlvd.lb. 1.35 - —
Chloride, dms., works....lb. .64 - .69
Hydrate, bbls....lb. 1.66 - 1.70
Linoleate, paste, dms....lb. .30 - —
solid, 8½%, bbls....lb. .31 Nom.
Oleate, bbls....lb. .28 - —
Oxide, black, kgs....lb. 1.41 - 1.51
Resinate, fused, A, bbls....lb. .13¾- —
1%, bbls....lb. .11⅝- —
2%, bbls....lb. .16 - .16½
3%, bbls....lb. .17 - .17½
precip., dms., dlvd....lb. .30 - —
Sulphate, dms....lb. .51 - .53
Cocaine hydrochloride, cns....oz. 9.75 -10.00
Cochineal, gray, bgs....lb. .22 - .26
Teneriffe, silver, bgs....lb. .23 - .27
Cocillana bark, bgs....lb. .22 - .23
Cocoa butter, lump, bgs c.l..lb. .15 - .15¼
Codeine, cns., 100 ozs....ozs.11.70 -12.45
Hydrochloride, cns., 100 ozs..ozs.10.50 -10.85
Phosphate, cns., 100 ozs....ozs. 9.00 - 9.35
Sulphate, cns., 100 ozs....ozs. 9.50 - 9.85
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls....lb. .07 - .07½
Blue, root, bls....lb. .06 - .06½
Colchicine, vis....ozs.24.00 -25.00
Colchicum seed, bgs....lb. .25 - .26
Collodion, USP, dms....lb. .12 - .13
Flexible, USP, dms....lb. .14 - .15
Colocynth pulp, bls....lb. .50 - .55
Colombo root, bls....lb. .11 - .12
Coltsfoot leaves, bgs....lb. .08 - .09
Condurango bark, bgs....lb. .09 - .10
Conium leaves, bls....lb. .14 - .15
Copaiba balsam, Para, cns....lb. .18 - .20
S.A., USP, cns....lb. .20 - .22
Copper carbonate, 52-55%, bbls.lb. .14½- .16¼
18-20%, bbls....lb. .07 - .08
Chloride, bbls....lb. .17 - .18
Cyanide, tech., bbls....lb. .27 - .29
Iodide, bots....lb. 4.97 - 5.02
Metal, electrolytic....lb. .09½- —
Oleate, precip., bbls....lb. .30 - —
Oxide, black, bbls., tons, works. lb. .14½- —
smaller lots, works....lb. .15 - —
Red, com'l, 50-75%, kgs., c.l., f.o.b. N.Y..lb. .14 - —
l.c.l., f.o.b. N. Y....lb. .15 - —
Resinate, precip., bbls....lb. .18 - .19
Stearate, precip., bbls....lb. .35 - .40
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works....ton.16.00 -17.00
l.c.l., 25 or over, works.. 100 lbs. 1.35 - —
5-24, works....100 lbs. 1.50 - —
1-4, works....100 lbs. 2.00 - —
bulk, l.c.l., works....ton.12.00 -18.00
Copra, bgs, Pacific Coast....lb. .0235-.0240
Coriander seed, Morocco, bgs..lb. .06 - .06½
bleached, bgs....lb. .07½- .08
Russian, bgs....lb. .03 - .03½
Corn sugar, tanner's, bbls., dlvd. 100 lbs. 3.28 - —
ex whse....100 lbs. 3.18 - —
Syrup, 42°, bbls....100 lbs. 3.20 - —
43°, bbls....100 lbs. 3.30 - —
Cornsilk, bls....lb. .07½- .08
Corrosive sublimate, bxs., fib. dms., kgs..lb. .81 - .96
Cottonroot bark, bls....lb. .11½- .12
Cottonseed hull ash, 25-30% pot-ash, bulk, dlvd..unit-ton. 1.00 - —
Coumarin, cns....lb. 3.10 - 3.35
Cramp bark, genuine, bls....lb. .20 - .21
so-called, bls....lb. .07 - .08
Cranesbill root, bls....lb. .10 - .11
Cream tartar, cryst., bbls....lb. .17¼- .17½
kgs....lb. .17⅝- .18
gran., bbls....lb. .16⅝- .17¼
kgs....lb. .17¼- .17½
powd., bbls....lb. .16⅝- .17¼
kgs....lb. .17¼- .17½
Creosote, wood, beech., bots..lb. .70 - .75
pine, dms....gal. .28 - —
USP, bots....lb. .45 - .47
Carbonate, bots., cbys....lb. 1.40 - 1.75
Oil, crude, I, tanks, works.gal. .12½- .13½
II (coaltar solution), tanks, works..gal. .100 - .12
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works....gal. .25 - —
tanks, works....gal. .18 - .18½
Cresol, USP., dms....lb. .10 - .10½
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto..lb. .33¼- —
1 ton, same basis....lb. .35 - —
1,000 lbs., same basis.lb. .36 - —
1 bbl., same basis....lb. .38 - —
4% rotenone, bbls., 5 tons, same basis..lb. .28½- —
1 ton, same basis....lb. .30 - —
1,000 lbs., same basis.lb. .31 - —
1 bbl., same basis....lb. .33 - —
3% rotenone, bbls., 5 tons, same basis..lb. .24½- —
1 ton, same basis....lb. .26 - —
1,000 lbs, same basis.lb. .27 - —
1 bbl., same basis....lb. .29 - —
Cubeb berries, XX, bgs....lb. .37 - .38
powd., cs....lb. .40 - .41
Culver's root, bls....lb. .16 - .17
Cumin seed, Algerian, bgs....lb. .11 - .11½
Indian, bgs....lb. .11 - .11½
Morocco, bgs....lb. .11¾ Nom.
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamid, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd. interior, NH_3 unit. 1.97½- —
Atlantic ports, NH_3 unit. 1.00 - —
Cyanide-chloride mixture, 75%, gran., dms..lb. .16 - .17
lump, dms....lb. .14 - .15

D

Damiana leaves, bls....lb. .14 - .15
Dandelion root, German, bls..lb. .17 - .18
Deertongue leaves, bls....lb. .10 - .12
Degras, common, dom., bbls., c.l., works..lb. .05¼- .05⅝
l.c.l., works....lb. .05⅝- .06
English, bbls....lb. .04⅝- .05¼
Japanese, bbls....lb. .06⅜- .07
neutral, dom., bbls....lb. .08½- .10½
English, bbls....lb. .09 - .09½
Derris root, powd., 5% rotenone, bbls., 5 tons, E. of Rockies, f.o.b. N. Y., Balto....lb. .43 - —
1 ton, same basis....lb. .44 - —
1,000 lbs., same basis.lb. .46 - —
1 bbl., same basis....lb. .48 - —
4% rotenone, bbls., 5 tons, same basis..lb. .37 - —
1 ton, same basis....lb. .38 - —
1,000 lbs., same basis.lb. .40 - —
1 bbl., same basis....lb. .42 - —
3% rotenone, bbls., 5 tons, same basis..lb. .32 - —
1 ton, same basis....lb. .33 - —
1,000 lbs., same basis.lb. .35 - —
1 bbl., same basis....lb. .37 - —
Dextrin, British gum, bgs., c.l., f.o.b. Chicago..100 lbs. 3.90 - —
l.c.l., f.o.b. Chicago.100 lbs. 4.20 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.65 - —
l.c.l., f.o.b. Chicago.100 lbs. 3.85 - —
white, bgs., c.l., f.o.b. Chicago 100 lbs. 3.60 - —
l.c.l., f.o.b. Chicago.100 lbs. 3.80 - —
Potato, import., bgs....lb. .07¾- .08¾
Tapioca ,bgs., ex whse....lb. .06 - —
Diamyl ether, dms., c.l., works. lb. .085 - —
l.c.l., works....lb. .092 - —
tanks, works....lb. .075 - —
Phthalate, dms., c.l., dlvd..lb. .19 - —
l.c.l., dlvd....lb. .10½- —
5-gal. dms., works....lb. .22 - —
tanks, dlvd....lb. .18 - —
Sulphide, dms., l.c.l., works.lb. 1.10 - —
Diamylamine, dms., l.c.l., works. lb. 1.00 - —
Diamylene, dms., c.l., works.lb. .095- —
l.c.l., works....lb. .102- —
tanks, works....lb. .085- —
Dianisidin, bbls....lb. 2.25 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific est., works. ton.22.00 -25.00
l.c.l., ex whse....ton.45.00 -150.00
import., bgs., c.l., f.o.b. N.Y. ton.40.00 - —
Dibutyl phthalate, dms....lb. .16 - .18½
Tartrate, dom., dms....lb. .35 - .40
import., dms....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic)
Dichloroethyl ether, dms., c.l., works..lb. .16 - —
l.c.l., works....lb. .17 - —
tanks, works....lb. .15 - —
Dichloropentanes, dms., c.l., works..lb. .062- —
l.c.l., works....lb. .04 - —
tanks, works....lb. .025- —
Diethanolamine, dms....lb. .31 - .35
Diethyl carbonate, comi., dms.lb. .31⅝- —
refd., 99%, dms....lb. .50 - —
Carbinol (see Carbinol)
Phthalate, dms., c.l....lb. .18½- —
l.c.l. ....lb. .19 - —
tanks ....lb. .17½- —
Diethylanilin, dms....lb. .52 - .54
Diethylene oxide, dms., c.l., works lb. .20 - —
l.c.l., works....lb. .21 - .24
tanks, works....lb. .19 - —
Diethyleneglycol, dms., c.l., works lb. .16½- —
l.c.l., works....lb. .17½- —
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works....lb. .17 - —
tanks, works....lb. .15 - —
Digitalis leaves, dms....lb. .25 - .26
Digitoxl oleate, light, bbls....lb. .24 - —
Dill seed, dewhiskered, polished, bgs..lb. .06½- .07
recleaned, bgs....lb. .05⅝- .06
Dimethyl phthalate, dms....lb. .19½- .20
Dimethylanilin, dms....lb. .29 - .30
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls....lb. .17 - .17½
purified, bbls....lb. .19 - .19½
Dinitrochlorobenzene, bbls....lb. .14½- .15¼
Dinitronaphthalene, kgs....lb. .35 - .38
Dinitrophenol, bbls....lb. .23 - .24
Dinitrotoluene, dms....lb. .15½- .16¼
oily, dms....lb. .06½- .10
Diorthotoluoiguanidin, dms., 2,000 lbs. or over, dlvd....lb. .44 - —
600-1,950 lbs., dlvd....lb. .46 - —
150-450 lbs., dlvd....lb. .47 - —
Dip oil (see Tar acid oil)
Dipentene, dms....gal. .47 - .50
tanks ....gal. .41 - —
Diphenyl, bbls., c.l., works..lb. .15 - —
l.c.l., works....lb. .20 - .25
Oxide, bots....lb. .70 - 1.00
Diphenylamine, bbls....lb. .31 - .32
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .33 - —
600-1,950 lbs., dlvd....lb. .36 - —
150-450 lbs., dlvd....lb. .37 - —
Diphenylmethane, bots....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.35.00 - —
Extract, 25% tan., bbls....lb. .05 - .05½
Doggrass root, cut, bls....lb. .12 - .13
Dogwood bark, dom., bls....lb. .04 - .05
Jamaica, bls....lb. .06½- .07
Dover's powder, USP, cns....lb. 2.75 - 2.80
Dragon's blood, mass, cs....lb. .85 - .95
reeds, thin, cs....lb. .95 - 1.00
Duboisine sulphate, vis....ozs.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R....lb. .80 - 1.00
53 Victoria violet....lb. .80 - 1.00
165 Lake red C....lb. 1.15 - 1.25
176 Fast red A....lb. .60 - .75
180 Fast red VR....lb. 1.50 - 1.65
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powdered..lb. 2.60 - 2.70
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A....lb. 1.75 - 2.00
206 Fast red blue R....lb. .75 - 2.00
216 Chrome red B....lb. 1.75 - 2.00
262 Cloth red 2B....lb. .80 - .90
289 Fast cyanin 5R....lb. .90 - 1.00
299 Chrome black F....lb. .60 - .65
307 Fast cyanin black B....lb. .80 - .85
326 Direct fast scarlet....lb. 2.00 - 2.25
364 Paper yellow....lb. .82 - .90
365 Chrysophenin G....lb. .65 - .70
394 Direct violet N....lb. 1.25 - 1.50
382 Direct scarlet B....lb. 1.50 - 1.75
387 Direct violet B....lb. 1.00 - 1.20
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B....lb. .25 - .30
415 Direct orange R....lb. .60 - .70
419 Direct fast red F....lb. .75 - .85
420 Direct brown M....lb. 1.00 - 1.10
448 Benzo purpurin 4B....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct asurin G....lb. .75 - .80
512 Direct blue RD....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue....lb. .50 - 1.00
529 Direct fast black FF....lb. .55 - 1.00
581 Direct black EW....lb. .35 - .50
582 Direct black RX....lb. .35 - .45
598 Direct green B....lb. .75 - .80
594 Direct green G....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .35 - 1.00
620 Direct yellow R....lb. 1.25 - 1.50
698 Acid violet....lb. 1.00 - 2.00
812 Primulin ....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble)..lb. .25 - .30
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black....lb. .20 - .25
Sulphur blue....lb. .40 - 1.00
Sulphur brown....lb. .25 - .30
Sulphur maroon....lb. .40 - —
Sulphur olive....lb. .25 - .34
Sulphur tan....lb. .30 - .32
Sulphur yellow....lb. .30 - .60
Zambesi black....lb. .75 - .80
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 2c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
868 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue....lb. .75 - —
Browns:—
Brown ....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green ....lb. .75 - —
Orange:—
.... Sudan I....lb. .70 - —
.... Orange, red shade..lb. .75 - —

Dyes, coaltar for general uses (numbers are those of Colour Index scale).

Acid:—
- 73 Sudan II.....lb. 1.05 - —
- 358 Sudan IV.....lb. .95 - —
- 749 Rhodamine B (oil pink) lb. 2.50 - —

Violet:—
- 1060 Anthroquinone violet base..lb. 6.00 - —
- 680 Oil violet.....lb. .50 - —

Yellow:—
- 15 Amidoazobenzene yellow..lb. .90 - —
- 17 Amidoazotoluene yellow..lb. .75 - —
- 61 Yellow OB.....lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—
- 804 Nigrosin .....lb. .40 - —

Blue:—
- 729 Victoria blue.....lb. 2.35 - —
- 860 Indulin .....lb. .70 - —

Brown:—
- 831 Bismarck brown.....lb. 1.50 - —

Green:—
- 657 Malachite green base.lb. 2.00 - —

Orange:—
- 20 Chrysoidin G.....lb. .95 - —
- 21 Chrysoidin R.....lb. .95 - —

Red:—
- 677 Fuchsin, magenta base. lb. 7.25 - —
- 749 Rhodamine B.....lb. 4.75 - —

Yellow:—
- 17 Amidoazotoluene yellow..lb. .75 - —
- 655 Auramine .....lb. 2.00 - —
- 800 Chinolin yellow SS..lb. 3.00 - —

Violet:—
- 680 Methyl violet.....lb. 1.30 - —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—
- 240 Naphthol blue black S. lb. .50 - —
- 866 Nigrosin .....lb. .38 - —
- 873 Methylene gray.....lb. 1.50 - —

Blue:—
- 714 Patent blue A.....lb. 1.60 - —
- 739 Victoria blue B.....lb. 2.00 - —
- 861 Indulin .....lb. .87 - —
- 909 New blue R.....lb. 1.30 - —
- 922 Methylene blue.....lb. 1.00 - —
- 1054 Alizarin saphirol B..lb. 1.90 - —
- 1180 Indigotin IA.....lb. .85 - —

Brown:—
- 234 Resorcin brown Y...lb. .65 - —
- 235 Resorcin dark brown R. lb. .66 - —
- 831 Bismarck brown G..lb. .52 - —
- 832 Bismarck brown R..lb. .37 - —
- 798 Phosphin .....lb. 4.65 - —

Green:—
- 5 Naphthol green B...lb. 1.00 - —
- 657 Malachite green.....lb. 1.35 - —
- 662 Brilliant green.....lb. 2.00 - —
- 666 Guinea green B.....lb. 1.15 - —
- 737 Wool green S.....lb. .58 - —
- 924 Methylene green B..lb. 1.55 - —
- 1078 Alizarin cyanin green. lb. 2.35 - —

Orange:—
- 20 Chrysoidin G.....lb. .40 - —
- 21 Chrysoidin R.....lb. .37 - —
- 161 Orange G.....lb. .50 - —
- 181 Orange Y.....lb. .30 - —
- 161 Orange R.....lb. .34 - —

Red:—
- 31 Amidonaphthol red G. lb. .42 - —
- 87 Amidonaphthol red 6B. lb. .62 - —
- 79 Ponceau R.....lb. .48 - —
- 88 Fast red B.....lb. 1.05 - —
- 176 Fast red A.....lb. .54 - —
- 179 Azorubin .....lb. .52 - —
- 183 Crocein scarlet 3BX.lb. .60 - —
- 185 Cochineal red A....lb. .60 - —
- 202 Brilliant crocein M.lb. .65 - —
- 677 Fuchsin .....lb. 1.90 - —
- 749 Rhodamine B.....lb. 2.50 - —
- 752 Rhodamine 6G.....lb. 4.50 - —
- 709 Eosin G.....lb. 1.50 - —
- 841 Safranin .....lb. 1.45 - —

Violet:—
- 680 Methyl violet B.....lb. .82 - —
- 681 Crystal violet C.....lb. 1.75 - —
- 695 Acid violet 4BN.....lb. .88 - —

Yellow:—
- 19 Naphthol yellow S..lb. .88 - —
- 188 Metanil yellow.....lb. .53 - —
- 636 Fast light yellow...lb. 1.25 - —
- 639 Xylene light yellow.lb. 1.15 - —
- 640 Tartrazin .....lb. .80 - —
- 655 Auramine .....lb. 1.27 - —

Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .16 - .17

Egg albumen (see Albumen)

Yolk, dom., cs.....lb. .62 Nom.
import, cs.....lb. .49 - .51

Elder flowers, bright, bls.....lb. .16 - .17
dark, bls.....lb. .15 - .16

Elecampane root, bls.....lb. .08 - .09

Elm bark, grinding, bls.....lb. .09 - .10
powd., bbls., bxs.....lb. .15 - .16
select, bndls., cs.....lb. .17 - .18

Emetine hydrochloride, bots., vls. oz.15.00 -15.25

Ephedra, bls.....lb. .06 - .07

Ephedrine, tins, 100 ozs.....oz. 1.00 - —

Hydrochloride, tins, 100 ozs..oz. 1.90 - —

Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins 100 ozs.....oz. 1.05 - —

Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls.....100 lbs. 1.80 - —

USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 - —
bbls., c.l.....100 lbs. 2.00 - —
l.c.l.....100 lbs. 2.35 - 2.60
import bgs.....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08

Ergot, USP, cs.....lb. 2.00 - 2.25

Eserine, bots., vls.....oz.42.00 -42.25

Salicylate, bots., vls.....oz.29.00 -29.25

Sulphate, bots., vls.....oz.30.00 -30.25

Ether, acetic, dms.....lb. .10 - .11

Ethyl (see Ether, sulphuric)

Nitrous, conc., bots.....lb. .75 - .77

Sulphuric, conc., dms.....lb. .02 - —
synth., dms., c.l., works...lb. .06 - —
l.c.l., works.....lb. .08 - —

USP, anesthesia, dms.....lb. .26 - .27

USP, 1880, dms.....lb. .39 - .40

washed, dms.....lb. .27 - .29

Ethyl acetate, dms., c.l., frt. alld. lb. .07 - —
l.c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
anhyd., dms., c.l., frt. alld.lb. .08 - —
l.c.l., frt. alld.....lb. .06½- —
tanks, frt. alld.....lb. .07 - —

Bromide, tech., dms.....lb. .50 - .55

Caproate, cns.....lb. 1.60 - —

Chloride, dms.....lb. .22 - .24

Cinnamate, bots.....lb. 3.40 - 4.85

Crotonate, dms., works.....lb. 1.00 - 1.35

Formate, dms.....lb. .27 - .28

Iodide, bots.....lb. 5.55 - 5.60

Lactate, 55-gal. dms., works..lb. .33 - —
5-gal. dms., works.....lb. .36 - —

Oxalate, dms.....lb. .50 - .54

Ethylbenzylaniline, dms.....lb. .85 - .90

Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., dlvd.....lb. .05½- .0564

Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —

Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works.....lb. .21 - .24
tanks, works.....lb. .19 - —

Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —

Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works.....lb. .15 - —
tanks, works.....lb. .13 - —

Monomethylether, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .20 - .22
tanks, works.....lb. .18 - —

Ethylidinaniline, dms.....lb. .45 - .47½

Ethylmethyl ketone, dms., c.l., frt. pd..lb. .07½- —
l.c.l., frt. pd.....lb. .08 - —
tanks, frt. pd.....lb. .06½- —

Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —

Ethylparatoluenesulphonamide, bbls..lb. .60 - —

Eucalyptol, cns.....lb. .51 - .55
Eucalyptus leaves, bls.....lb. .06 - .06½

Eugenol, cns.....lb. 1.75 - 2.25

Euphorbia, bls.....lb. .04 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -12.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00

Fennel seed, French type, bgs, lb. .08½ Nom.
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .12 - .13

Fenugreek seed, bgs.....lb. .04½- .05

Ferric sulphate, dms., works.ton.35.00 -40.00

Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12½- .13
smaller lots, E. works. lb. .13½- .16
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .18
smaller lots, E. works.lb. .16 - .19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.

Fir balsam, Canada, cns....gal. 9.00 -10.00
Oregon, bbls.....gal. .90 - 1.10

Fish berries, bgs.....lb. .09 - .10

Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 2.50 & .10 Nom.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.41.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E Cst. factories, contracts .....unit-ton.2.25 & .50 Nom.
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E Cst. ports...unit-ton. 3.10 & .10 Nom.
Japanese, 11¼% ammon., bgs., c.i.f. ports, July shipt..ton.36.00 - —

Flake white, bbls., kgs.....lb. .09¾- .10¾

Fleaseed, French, black, bgs..lb. .09 - .09½
Indian, blonde, bgs.....lb. .07¼- .07¾

Fluorspar, enamel, 95-98%, bgs. ton.30.00 -35.00
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton.18.00 - —
import., bulk, Atlantic ports, duty-paid..ton.21.25 -21.75
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines..ton.20.00 - —
powd., 97%, import., bgs., Atlantic ports, duty paid..ton.31.00 -33.00

Formaldehyde, bbls., c.l., works. lb. .06 - —
l.c.l., works.....lb. .06½- .07

Fringetree bark, bls.....lb. .10 - .11

Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.22.00 - —
l.c.l., ex whse.....ton.30.00 - —

Furfural, refd., dms., c.l., works lb. .15 - —
l.c.l., works.....lb. .17½- .22
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —

Fusel oil, refd., dms. incl., dlvd. lb. .16 - .18

Fustic extract, cryst., bbls...lb. .20 - .22
liquid, bbls.....lb. .06½- .09
solid, dms.....lb. .16 - .18

G

G salt, bbls.....lb. .45 - .47

Galangal root, bls.....lb. .08 - .09

Gall extract, bbls.....lb. .18 - .20

Gambier, common, bgs.....lb. .06¾ Nom.
plantation, bgs.....lb. .09 Nom.

Cubes, Singapore, bgs.....lb. .07 - .08½

Extract, bbls .....lb. .08 .10

Gasoline, at refinery:—
Bayonne, US motor, 62-63 octane, tanks..gal. .06¾- —
65 octane, tanks.....gal. .07 - —
above 65 octane, tanks.gal. .0755- —
California, 56-58, 375 e.p., tanks..gal. .05 - —
Gulf Coast, US motor, bulk, export..gal. .05½- —
60-62, 290 e.p., bulk, export. gal. .05½- —
60-62, 400 e.p., bulk, export. gal. .05¾- —
64-66, 375 e.p., bulk, export gal. .05¾- —
Louisiana-Arkansas, US motor, tanks..gal. .04½- .04¾
58-60, 450 e.p., tanks...gal. .04½- .04¾
64-66, 375 e.p., tanks...gal. .05¾- .05¾
65-70, 350 e.p., tanks...gal. .04¾- .04¾
Gasoline, at refinery, Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04½- .04¾
63-67 octane, tanks....gal. .05½- .05¾
68-70 octane, tanks....gal. .05¾- .06¼
60-62, 400 e.p., tanks...gal. .06 - .06
64-66, 375 e.p., tanks...gal. .05¾- .05½
natural, 12-lb. v.p., tanks. gal. .05¼- .05¾
14-lb. v.p., tanks.....gal. .03½- —
18-lb. v.p., tanks.....gal. .03 - .03¼
22-lb. v.p., tanks.....gal. .02¾- —
26-70-lb. v.p., tanks...gal. .02¾- .02½

Pennsylvania, US motor, tanks gal. .05½- —
52-54, 450 e.p., naphtha, tanks..gal. .05¾- —
60-62, 400 e.p., strt. run, tanks..gal. .06 - —

tankwagon and service station (Federal and State taxes included):—

	T.W.	S.S.
Atlanta	.205	.235
Boston	.14	.16
Chicago	.155	.175
Cincinnati	.175	.195
Denver	.19	.21
Louisville	.19	.21
Minneapolis	.164	.184
New Orleans	.185	.22
New York	.165	.192
San Francisco	.17	.19

Gelatin, silver, cs.....lb. .50 - .55

Geisemium root, bls.....lb. .12 - .13

Gentian root, bls.....lb. .09 - .10
grd., bbls., bxs.....lb. .12 - .13
powd., bbls., bxs.....lb. .13 - .14

Geraniol, cns.....lb. .75 - 3.00

Geranyl acetate, bots.....lb. 1.75 - 2.50

Ginger root, African, bgs.....lb. .14 - .14½
Cochin, lemon, bgs.....lb. .16½- .17
Jamaica, bold, bgs.....lb. .18 - .18¾
grinding, bright, bgs.....lb. .12¾- .13¼
medium, bold, bgs.....lb. .13½- .14

Ginseng fibers, cs.....lb. 1.75 - 2.00
Root, cultivated, cs.....lb. 2.00 - 4.00
wild, Southern, cs.....lb. 6.00 - 7.00

Glauber's salt, anhyd. (see Soda sulphate), cryst., dom., bgs., 5 tons or over..100 lbs. .85 - —
smaller lots.....100 lbs. 1.00 - —
bbls., 5 tons or over..... 100 lbs. .95 - —
smaller lots.....100 lbs. 1.10 - —
import., bgs.....100 lbs. 1.05 - 1.35

Glue, bone, calcimine type, 24 millipoise, 16 jelly-grams, bgs., c.l., dlvd..lb. .11 - —
l.c.l., dlvd.....lb. .11½- —
28/58, bgs., c.l., dlvd.....lb. .11½- —
l.c.l., dlvd.....lb. .12 - —
38/82, bgs., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
48/108, bgs., c.l., dlvd.....lb. .13 - —
l.c.l., dlvd.....lb. .13½- —

Hide, calcimine type, 58 millipoise, 125 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .13½- —
l.c.l., same basis.....lb. .14 - —
80/164, bgs., c.l., same basis.lb. .14 - —
l.c.l., same basis.....lb. .14½- —
67/192, bgs., c.l., same basis.lb. .15 - —
l.c.l., same basis.....lb. .15½- —
75/222, bgs., c.l., same basis.lb. .16 - —
l.c.l., same basis.....lb. .16½- —
83/251, bgs., c.l., same basis.lb. .17 - —
l.c.l., same basis.....lb. .17½- —
92/285, bgs., c.l., same basis.lb. .18 - —
l.c.l., same basis.....lb. .18½- —
102/315, bgs., c.l., same basis lb. .18½- —
l.c.l., same basis.....lb. .19 - —
113/347, bgs., c.l., same basis lb. .19½- —
l.c.l., same basis.....lb. .20 - —
125/379, bgs, c.l., same basis lb. .20½- —
l.c.l., same basis.....lb. .21 - —

Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.

Glycerin, C. P., cns., l.c.l.....lb. .16½- .17½
dms., extra, c.l.....lb. .14½- —
l.c.l. .....lb. .15 - —
dynamite, dms., extra, c.l.....lb. .14½- —
l.c.l. .....lb. .15 - —
saponification, basis 88%, dms. returnable, dlvd..lb. .11¾- .12¼
soaplye, basis 80%, dms. returnable, dlvd..lb. .10¼- .10¾
yellow, distilled, dms. extra, c.l. lb. .14¾- —
l.c.l. .....lb. .14¼- —

Glycol boriborate, dms.....lb. .22 - —
Phthalate, dms.....lb. .29 - —
Stearate, dms.....lb. .23 - —

Gold, U.S. purchase price.....oz.35.00 - —

Chloride, acid, brown, bots..oz.21.75 -22.00
yellow, bots.....oz.19.75 -20.00

Gold-soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75

Gold of pleasure seed, bgs.....lb. .14 - .14½

Golden seal root, bls.....lb. 2.35 - 2.40
powd., bxs.....lb. 2.55 - 2.60

Grains of paradise, bgs.....lb. .09 - .09½

Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.lb. .03 - —
bbls., c.l., works.....lb. .05½- —
l.c.l., works.....lb. .05½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —

Grease, house, trcs.....lb. .03¾- .04½
white, trcs.....lb. .04¾- .06½
yellow, trcs.....lb. .03¾- .04½

Wool (see Adeps lanae and Degras)

Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
6-10%, bbls., same basis.lb. .21 - —
11-15%, bbls., same basis.lb. .22 - —
16-20%, bbls., same basis.lb. .22½- —
21-25%, bbls., same basis.lb. .23 - —
26-30%, bbls., same basis.lb. .23½- —
31-35%, bbls., same basis.lb. .24½- —
36-40%, bbls., same basis.lb. .26 - —
41-45%, bbls., same basis.lb. .27½- —
46-50%, bbls., same basis.lb. .29 - —
over 50%, bbls., same basis lb. .30 - —

Chrome and chrome oxide greens prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Texas (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.

Dyes, Red—Gum, Copal

Green, chrome reduced, C.P. color content up to 5%, bbls., same basis..lb. .05¾- —
6-10%, bbls., same basis.lb. .06¼- —
11-15%, bbls., same basis.lb. .07 - —
16-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07½- —
20-21%, bbls., same basis.lb. .07¾- —
22-23%, bbls., same basis.lb. .08 - —
24-25%, bbls., same basis.lb. .08¼- —
26-27%, bbls., same basis.lb. .08½- —
28-29%, bbls., same basis.lb. .09 - —
30-31%, bbls., same basis.lb. .09¼- —
32-33%, bbls., same basis.lb. .11 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .16 - —
46-50%, bbls., same basis.lb. .16½- —
51-55%, bbls., same basis.lb. .17 - —
56-60%, bbls., same basis.lb. .17½- —
61-65%, bbls., same basis.lb. .18 - —
66-70%, bbls., same basis.lb. .19 - —
71-75%, bbls., same basis.lb. .20 - —

Chrome oxide, dom., pure, bbls., contract or open order, same basis as chrome C.P...lb. .17 - .19½
ceramic, light shades, bbls., c.l., works..lb. .26 - —
l.c.l., works.....lb. .28 - —
standard grade, bbls., works..lb. .22 - —
import, bbls., kgs., f.o.b. N. Y..lb. .21 - —

Paris (see P)

Verdigris (see V)

Green dyes are listed under Dyes.

Grindelia robusta, bls.....lb. .08½- .10

Guaiac resin, cs.....lb. .85 - .90
strained, cs.....lb. .95 - 1.00

Wood, cs.....lb. .04 - .05

Guaiacol, liq., djns.....lb. 1.65 - 1.95

Carbonate, bxs., kgs.....lb. 2.15 - 2.40

Guarana, powd., cs.....lb. .65 - .70

Gum, aloe (see A)

Ammoniac, tears, cs.....lb. .90 - .95

Arabic, lump amber sorts, cleaned, bgs..lb. .09 - .09½
white, sorts, 1, bgs.....lb. .25 - .27
2, bgs.....lb. .24 - .26
powd., bbls.....lb. .13 - .14

Asafetida (see A)

Asphaltum (see A)

Benzoin, Siam, cs.....lb. 1.15 - 1.65
Sumatra, cs.....lb. .17 - .18

Camphor (see C)

Chicle, bgs.....lb. No prices

Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran..lb. .40¾- —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (50,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ½c. higher for 10 bgs. or over; ½c higher for 1-9 bgs.
2, cloudy white, bgs., c.l., same basis..lb. .37½- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .19½- —
4, pale bold straw, bgs., c.l., same basis..lb. .18½- —
5, pale straw bold, bgs., c.l., same basis..lb. .14¾- —
6, pale amber bold, bgs. c.l., same basis..lb. .15¾- —
7, pale straw bold, bgs., c.l., same basis..lb. .14¼- —
8, light amber bold, bgs., c.l., same basis..lb. .11¼- —
9, medium light amber bold, bgs., c.l., same basis..lb. .09 - —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .11½- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .07¼- —
12, selected bold sorts, bgs., c.l., same basis..lb. .06¼- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05½- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .19½- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .07½- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .06¼- —
17, pale fingers, bgs., c.l., same basis..lb. .10¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .12 - —
19, pale straw nubs, bgs., c.l., same basis..lb. .11 - —
20, hard dark amber nubs, bgs, c.l., same basis..lb. .06½- —
21, ordinary selected nubs, c.l., same basis..lb. .05¾- —
22, small mixed nubs, bgs., c.l., same basis..lb. .05¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .05¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .13¾- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .05¼- —
26, pale bold chips, bgs., c.l., same basis..lb. .06¼- —
27, pale small chips, bgs., c.l., same basis..lb. .05½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .04¾- —

East India, Batu, bold, scraped, bgs., c.l., same basis..lb. .05½- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .05¾- —
dust, bgs., c.l., same basis..lb. .05¾- —
nubs and chips, bgs., c.l., same basis..lb. .05¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .07¾- —
unscraped, bgs., c.l., same basis..lb. .04½- —
nubs and chips, bgs., c.l., same basis..lb. .04¾- —

Hiree Macassar, pale, bold, ogs, c.l., same basis..lb. .12¾- —
chips, bgs., c.l., same basis..lb. .05½- —
dust, bgs., c.l., same basis lb. .05¾- —
nubs, bgs., c.l., same basis..lb. .11½- —

Singapore Rasak, bold, bgs., c.l., same basis..lb. .13¾- —
chips, bgs., c.l., same basis lb. .04¾- —
dust, bgs., c.l., same basis..lb. .05¾- —
nubs, bgs., c.l., same basis..lb. .10¾- —

Gum, Copal—Iron-Am. Oxalate

Gum, copal, Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .18½-
Loba A, bskts., c.l., same basis lb. .12 - —
B, bskts., c.l., same basis..lb. .10⅝- —
C, bskts., c.l., same basis..lb. .09⅛- —
CNE, bskts., c.l., same basis..lb. .06¾- —
D, bskts., c.l., same basis..lb. .09⅛- —
DK, bskts., c.l., same basis lb. .07 - —
DU, bskts., c.l., same basis lb. .08⅝- —
dust, bskts., c.l., same basis. lb. .03¼- —
Sambas and white split chips, bskts., c.l., same basis..lb. .12½- —
Singapore, dust, bskts., c.l., same basis..lb. .05¼- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08½- —
DBB, bskts., c.l., same basis lb. .08 - —
MA, bskts., c.l., same basis, lb. .06⅝- —
MB, bskts., c.l., same basis.. lb. .06⅝- —
WS, bskts., c.l., same basis.. lb. .09¼- —
Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .07½- —
chips, pale, bskts., c.l., same basis..lb. .03¼-
Gum, copal, Philippine, Manila, chips, pale, small, bskts., c.l., same basis..lb. .07½- —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs, bskts., c.l., same basis.. lb. .10⅝- —
pale, scraped, bskts., c.l., same basis..lb. .11⅝- —
seeds and dust, bskts., c.l., same basis..lb. .05½- —
Pontianak, bold, genuine, bgs., c.l., same basis..lb. .14½- —
mixed, bgs., c.l., same basis lb. .13½- —
chips, bgs., c.l., same basis..lb. .07⅝- —
nubs, bgs., c.l., same basis..lb. .10½- —
split, bgs., c.l., same basis.lb. .12⅝- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .21⅜- —
A/D, cs., c.l., same basis.lb. .15⅝- —
A/E, cs., c.l., same basis.lb. .13¼- —
B, cs., c.l., same basis...lb. .20⅜- —
C, cs., c.l., same basis...lb. .16⅝- —
D, cs., c.l., same basis...lb. .14½- —
dust, cs., cl., same basis.lb. .06⅜- —
E, cs., c.l., same basis...lb. .06⅝- —
F, cs., c.l., same basis...lb. .06⅜- —
Singapore I, cs., c.l., same basis lb. .16¼- —
2, cs., c.l., same basis...lb. .13⅜- —
3, cs., c.l., same basis...lb. .06¼- —
chips, cs., c.l., same basis.lb. .09⅝- —
dust, cs., c.l., same basis.lb. .05¼- —
seeds, cs., c.l., same basis..lb. .07⅝- —
Elemi, cns., c.l., same basis as copal..lb. .09⅜- —
Ester, dms., 75,000 lbs. or over, dlvd..lb. .07⅝- —
10,000-74,999 lbs., dlvd..lb. .07⅞- —
3,000-9,999 lbs., dlvd....lb. .08¼- —
less than 3,000 lbs., dlvd.lb. .08⅝- —
Euphorbium, cs.....lb. .16 - .20
Gum, galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .58 - .60
powd., bbls.....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, XXX, bbls., bxs., dms. lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .33 - —
B1, cs., c.l., same basis..lb. .19 - —
B2, cs., c.l., same basis..lb. .14½- —
B3, cs., c.l., same basis..lb. .12 - —
50% chips, cs., c.l., same basis..lb. .06½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis...lb. .40 - —
2, cs., c.l., same basis...lb. .22 - —
3, cs., c.l., same basis...lb. .15 - —
Kino, tins.....lb. .70 - .80
Mastic, cs., c.l., same basis as copal..lb. .60 - —
Myrrh, USP, cs.....lb. .35 - .40
Olibanum, siftings, cs.....lb. .07 - .08
tears, cs.....lb. .12 - .28
Opium (see O)
Rosin (see R)
Sandarac, cnks., c.l., same basis as copal..lb. .26½- —
Scammony, cs.....lb. 1.15 - 1.25
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs.....lb. .11½- .12½
Talha, bgs.....lb. .05 - .06
Taus, bbls.....280 lbs. 11.00 - —
strained, bbls.....280 lbs. 11.00 - —
Gum, tragacanth, Aleppo, 1, cs. lb. 1.25 - 1.30
2, cs.....lb. 1.15 - 1.20
3, cs.....lb. 1.00 - 1.05
4, cs.....lb. .90 - .95
5, cs.....lb. .80 - .85
6, bgs.....lb. .21 - .25
sorts, bgs.....lb. .30 - .35
Yucca, bgs., c.l., same basis as copal..lb. .03¼- —
powd., bgs., c.l., same basis lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton. 21.15 - —
Medicine Lodge, Kans., frt. equald..ton. 17.00 - —
New Brighton, N. Y., frt. equald..ton. 27.15 - —
Southard, Okla., frt. equald..ton. 17.00 - —
Sweetwater, Tex., frt. equald..ton. 21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton. 12.50 - —
Blue Rapids, Kans., frt. eqald..ton. 12.50 - —
New Brighton, N. Y., frt. equald..ton. 15.70 - —
Southard, Okla., frt. equald..ton. 12.50 - —
Sweetwater, Tex., frt. equald..ton. 12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Tex., Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton. 12.00 - —
import., bgs., ex dock....ton. 27.50 - —

CONSIDER CONSUMERS

CONVENIENCE OF CONTINENTAL'S *TRIPLETITE* CANS

She will remember to buy the paint that is packaged in Continental's Tripletite *easy-opening container.*

Assures Repeat Sales

The ideal container for any product is that which affords maximum protection *plus* the utmost in consumer convenience. For paints, varnishes and lacquers, those cardinal requirements are achieved by Continental's *Tripletite* cans.

Its three-way-sealing closure gives added protection against evaporation or spilling. Yet the *Tripletite* paint can far outstrips the old style container in ease of opening—a welcome boon to consumers, whether they be housewives or professional painters. And, too, the re-sealing feature of Continental's *Tripletite* closure insures the continued protection of contents not used at the time the container is first opened.

Apply to your product the soundest of all selling precepts—*consider consumers!* Use Continental's *Tripletite* containers and watch customers come back for more.

CONTINENTAL CAN COMPANY

NEW YORK CHICAGO SAN FRANCISCO

H

Heliotropin, cryst., cns.....lb. 2.00 - 2.20
Hellebore, white, root, powd., bbls. lb. .16½- .11
Helonias root, bls.....lb. .36 - .38
Hematine crystals, bbls.....lb. .16 - .34
Hemlock extract, 25% tan., bbls. lb. .03½- —
tanks.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .02½- .03
Henbane leaves, bls.....lb. .22 - .23
Henna leaves, bls.....lb. .07 - .08
powd., bbls, bxs.....lb. .09 - .10
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .15 - —
tanks, Group 3.....gal. .09 - —
normal, 86-100°C., dms, c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10 - —
Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .15 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .12 - —
laboratory grade, dms., c.l., Group 3..gal. .19 - —
l.c.l., Group 3.....gal. .35 - —
Hexamethylenetetramine, tech., dms..lb. .35 - .37
USP, dms., 1,000 lbs.....lb. .46 - .47
Hexyl acetate, dms., c.l., f.o.b. dest..lb. .125 - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .115 - —
Homatropine hydrobromide, bots., vls..oz. 13.00 -13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.40 - —
Hops, dom., 1934 crop, bls.....lb. .09 - .11
1935 crop, bls.....lb. .13 - .16
import., 1934 crop, bls.....lb. .45 - .65
1935 crop, bls.....lb. .55 - .85
Horehound, bls.....lb. .06½- .07
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, vls.....oz. 11.00 -11.50
Hydrochloride, vls.....oz. 11.00 -11.50
Sulphate, vls.....oz. 13.00 -13.50
Hydrastis (see Golden seal).
Hydrogen peroxide, USP, bbls. lb. .03¾- .04
100 vols., cbys., f.o.f. Miss. R. lb. .20 - —
vols., bbls. lb. .21 - —
Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyosine hydrobromide, vls.....oz. 13.00 -13.25
Hyoscyamine, vls.....oz. 15.00 - —
Hydrobromide, vls.....oz. 15.00 - —
Sulphate, vls.....oz. 15.00 - —
Hypernic, liq., 61°, bbls.....lb. .15 - .20
solid, bxs.....lb. .17 - .20

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .13 - .14
powd., bbls.....lb. 1.00 - —
Indol, CP, bots.....lb. 34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, kgs.....lb. .90 - —
resubl., kgs.....lb. 1.50 - 1.55
tincture, bbls.....gal. 1.90 - —
Iodoform, kgs., 100 lbs.....lb. 3.75 - 3.80
Ionone, bots.....lb. 3.25 - 4.00
Ipecac root, bgs.....lb. .90 - 1.05
powd., bxs.....lb. 1.05 - 1.15
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .22 - .30
prime, bleached, bls.....lb. .18 - .19
Iron acetate, CP, 17% solut., bbls. lb. .03 - .04
Chloride, tech., cryst., bbls., kgs..lb. .05 - .06
USP, cryst., bbls.....lb. .07½- .08
solut., cbys.....lb. .03¼- .03½
Citrate, USP VIII, pearls, cns., lb. .72 - —
powd., cns.....lb. .84 - —
scales, cns.....lb. .77 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 2.90
syrup, djns.....lb. .37 - .38
Nitrate, comt., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - .50
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns. lb. .54 - —
scales, cns.....lb. .59 - —
Ferrous, cns.....lb. .35 - —
Pyrophosphate, pearls, cns...lb. .59 - —
scales, cns.....lb. .64 - —
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas).
USP, cryst., bbls.....lb. .04¼- .04½
Iron-ammonia citrate, brown, gran., cns..lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
green, gran., cns.....lb. .39 - .40
pearls, cns.....lb. .39 - .40
scales, cns.....lb. .49 - .50
Oxalate, cryst., bbls., kgs...lb. .24½- .25½

Iron-potash oxalate, cryst., bbls., kgs..lb. .42 - .43
Iron-soda oxalate, cryst., bbls., kgs..lb. .34½- .35½
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .46 - —
small lots, works.....lb. .56 - —
Isopropanal, see Alcohol, isopropyl.
Isopropyl acetate, dms., c.l., frt. alld..lb. .07 - —
..c.l., frt. alld.....lb. .07½- —
tanks, frt. alld.....lb. .06 - —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .07 - —
l.c.l.....lb. .08 - —
tanks .....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .17 - .20
powd., bbls., bxs.....lb. .21 - .24
Juniper berries, bgs.....lb. .04½- .05½

K

Kamala, tins.....lb. .24 - .25
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .04½- —
Gulf ports, p.w., bulk, export, gal. .03½- —
w.w., bulk, export.....gal. .04½- .04¼
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03¾- —
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03⅝- —
42-44 w.w., tanks.....gal. .03⅜- —
Pennsylvania, 45 w.w., tanks, gal. .05½- —
44 w.w., tanks.....gal. .05⅝- —
tankwagon:—
Atlanta.....gal. .135 - —
Boston.....gal. .075 - —
Chicago.....gal. .096 - —
Cincinnati.....gal. .125 - —
Denver.....gal. .11 - —
Louisville.....gal. .10 - —
Minneapolis.....gal. .102 - —
New Orleans.....gal. .12 - —
New York.....gal. .07½- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 26-28% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .05½- .06

L

Lady slipper root, bls.....lb. .30 - .32
Lanolin (see Adeps lanae)
Lard, city, tubs.....100 lbs. 10.25 -10.50
Middlewestern, trcs...100 lbs. 10.10 -10.20
Western, choice, trcs..100 lbs. 10.20 -10.30
compound, trcs.....100 lbs. 10.75 -11.00
neutral, trcs.....100 lbs. 11.25 -11.50
Larkspur seed, bgs.....lb. .20 - .22
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .05 - .05½
Lavender flowers, ordinary, bls. lb. .50 - .55
select, bls.....lb. .80 - 1.00
Lead acetate, brown, broken, bbls. lb. .09½- —
white, broken, bbls.....lb. .11 - —
cryst, bbls.....lb. .10½- —
gran., bbls.....lb. .11 - —
powd., bbls.....lb. .11¼- —
Arsenate, dms., c.l., dealers, E. of Rockies..lb. .09½- —
jobbers, E. of Rockies..lb. .09 - —
W. of Rockies.....lb. .09 - —
l.c.l., consumers, W. of Rockies..lb. .10½- —
dealers, E of Rockies, 1,000 lbs. or over..lb. .09½- —
101-999 lbs.....lb. .10½- —
100 lbs. or less.....lb. .11½- —
W. of Rockies.....lb. .09½- —
jobbers, E. of Rockies..lb. .09½- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., dlvd. E.....lb. .08 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06¼- —
l.c.l., dlvd. E.....lb. .06½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06¼- —
Carbonate (see Lead, white).
Chloride, pure, bxs.....lb. .40 - .50
Iodide, jars.....lb. 2.35 - 2.40
Linoleate, pale, precip., dms. lb. .18 - —
Metal (see daily quotations in market report)
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .18 - —
Peroxide, dms., works.....lb. .60 - .67
Red, dry, 95% or less Pb_3O_4, bbls, c. l. (20 tons), dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0735- —
other points.....lb. .0710- —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash. dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore and Wash..lb. .07¾- —
.08¼- —
Colo., Mont., N. Mex., Wyo.....lb. .08 - —
other points.....lb. .07½- —
smaller lots, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
97%, Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.lb. .0760- —
other points.....lb. .0735- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08 - —
Ariz., etc.....lb. .08¼- —
Colo., etc.....lb. .08¼- —
other points.....lb. .07¾- —
smaller lots, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —

Lead, red, dry, 98% Pb_3O_4, bbls., c.l. (20 ton), dlvd. Ala., etc..lb. .0785- —
other points.....lb. .0760- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd. Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
in oil, steel kgs., 1,000 lbs. lb. .10½- —
500 lbs.....lb. .11 - —
smaller lots.....lb. .12 - —
Resinate, fused, bbls.....lb. .09 - .10
precip., bbls.....lb. .14 - —
Stearate, bbls.....lb. .22 - .28
Sulphate (see Lead, white)
Titanate, bbls., c.l., f.o.b. St. Louis, frt. paid E. of Rockies or f.o.b. Pac. Cst. terminal..lb. .10 - —
l.c.l., f.o.b. St. Louis or f.o.b. whses., frt or ctge paid E. of Rockies..lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .06¾- —
other points.....lb. .06½- —
l.c.l. dlvd. Ariz., etc..lb. .07 - —
other points.....lb. .06¾- —
Basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .06¼- —
other points.....lb. .06 - —
l.c.l. dlvd. Ariz., etc.lb. .06½- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .10 - —
500 lbs., dlvd.....lb. .10½- —
smaller lots, dlvd.....lb. .11½- —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .29
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .17 - .19
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkeley, W. Va.....ton. 7.00 - —
California, northern..ton. 12.25 - —
southern .....ton. 11.25 - —
Cedar Hollow, Pa.....ton. 6.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn. ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va. ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 6.25 - —
Knoxville, Tenn.....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 7.00 - —
Marble Cliff, Ohio....ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va. ton. 7.00 - —
Menominee, Mich....ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
hydrated, paper bgs., f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkeley, W. Va....ton. 8.50 - —
Buffalo .....ton. 11.00 - —
California, northern..ton. 14.75 - —
southern .....ton. 13.75 - —
Cedar Hallow, Pa...ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn. ton. 9.00 - —
Dallas, Tex.....ton. 12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va. ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Marble Cliff, Ohio..ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va. ton. 8.50 - —
Milltown, Ind.....ton. 12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petosky, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton. 12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton 8.50 - —
spray, paper bgs, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 11.00 - —
Marble Cliff, Ohio...ton. 11.00 - —
Marblehead, Ohio....ton. 11.00 - —
Mitchell, Ind.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Woodville, Ohio.....ton. 11.00 - —
Salts (see Calcium)
Lime-sulphur, dry, bxs., consumer, dlvd. Ore..lb. .06¼- .06½
Idaho, Utah, and W. Mont..lb. .07¼- .07½
Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties)..lb. .06½- .06¾
dealers, dlvd. E. of Rockies, except Fla..lb. .07¾- .08¼
Ore.....lb. .06¾- —
Idaho, etc.....lb. .06¾- —
Wash. (as above)...lb. .06 - —
jobbers, dlvd. E. of Rockies, except Fla..lb. .07¼- .08¼
Ore.....lb. .06½- —
Idaho, etc.....lb. .06½- —
Wash. (as above)...lb. .05¾- —
dms., dealers, dlvd. E. of Rockies, except Fla..lb. .11 - .12
Fla.....100 lbs. 1.90 - 2.00
jobbers, dlvd. E. of Rockies, except Fla..lb. .10¼- —

Lime, -sulphur, solution, dms., dealers, dlvd. Del., Ill., Ind., Ia., Ky., Md., Mich., Minn., Mo., N.E. States, N. J., N. Y., N. C. (Alleghany, Ashe, Rockingham, Stopes and Surry counties), Ohio, Pa., Tenn. (W. of Term. R.), Va., W. Va., Wis. gal. .13 - .16
jobbers, same basis...gal. .12½- .15
tanks, 4,000 gals. min., dealers, dlvd. Del., etc..gal. .11 - —
jobbers, same basis...gal. 10½- —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, bots.....lb. 1.50 - 1.60
Linden flowers, with leaves, bls. lb. .16 - .17
without leaves, bls.....lb. .18 - .19
Linseed cake, bgs., export....ton. 23.25 - —
Meal, 32%, dom., bgs.....ton. 30.50- —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore., and Wash..lb. .0633- —
other points.....lb. .0610 - —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .06¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .07¼- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06½- —
smaller lots, dlvd., Ala., etc..lb. .07¼- —
Ariz., etc.....lb. .07¾- —
Colo., etc.....lb. .07½- —
other points.....lb. .07 - —
Lithium bromide, jars.....lb. 1.70 - 1.75
Carbonate, bbls.....lb. 1.25 - 1.30
Chloride, bbls.....lb. 1.65 - 2.00
Citrate, bbls.....lb. 1.40 - 1.50
Fluoride, bbls.....lb. 2.00 - 2.50
Iodide, bots., jars.....lb. 4.70 - 4.75
Lithopone, dom., high-strength, bgs., 5 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis.lb. .06¼- —
smaller lots, same basis.lb. .06½- —
ordinary, bgs., 5 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 5 tons, same basis.lb. .04¾- —
smaller lots, same basis.lb. .05 - —
titanated, bgs., 5 tons, same basis..lb. .06 - —
smaller lots, same basis.lb. .06¼- —
bbls., 5 tons, same basis..lb. .06¼- —
smaller lots, same basis.lb. .06½- —
Import., bbls., ex dock.....lb. No prices
Liverwort leaves, bls.....lb. .19 - .20
Lobelia herb, bls.....lb. .12 - .13
Seed, bgs.....lb. .85 - .86
Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .06½- .10¼
solid, bxs.....lb. .13¾- .17¼
Sticks, Haitian, shipt.....ton. 24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
Import, bls.....lb. .26 - .36
Lupulin, N.F., dom., old crop, tins..lb. 1.50 - —
new crop, tins.....lb. 3.00 - —
Import., tins.....lb. No stocks
Lycopodium, cs.....lb. 1.20 - 1.30

M

Mace, Banda, cs.....lb. .60 - .62
Batavia, cs.....lb. .45 - .46
Siauw 1, cs.....lb. .58 - .60
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia arsenate bgs.....lb. .15 - .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .28 - —
1-lb. pkgs., same basis.lb. .35 - —
light, bbls., same basis.lb. .28 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis..lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis..lb. .27 - —
super light, bbls., same basis..lb. .30 - —
import., heavy, pharm., bbls..lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., bgs., c.l., works..lb. .06 - .06¾
USP, bbls., c.l.....lb. .06¼- .09
Chloride, flake, dom., bbls., works..ton. 36.00 -39.00
Hypophosphite, cns.....lb. 1.45 - 1.50
Oxide (see Calcined)
Palmitate, bbls.....lb. .23 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.05
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l....lb .20 - —
1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
smaller lots.....lb. .23 - —
Sulphate (see Epsom salt)
Magnesite, calc., import., bbls. ton. 60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewehah, Wash...ton. 22.00 - —
Malva flowers, black, bls.....lb. .38 - .40
Blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .12 - .13
Mansca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .09½- .10
Manganese acetate, dms.....lb. .25¼- .26½
Arsenate, bgs.....lb. .12 - .12½
Borate tech., bbls.....lb. .15 - .16
Chloride bbls.....lb. .07½- .08
Dioxide, Caucasian, 85-90%, saks., c.l., works..ton. 51.50 - —
l.c.l., 5 tons, works..ton. 54.50 - —
smaller lots, works. ton. 59.50 - —
puriap bgs., c.l., works. ton. 49.50 - —
l.c.l., 5 tons, works..ton. 52.50 - —
smaller lots, works. ton. 57.50 - —
paper bgs., c.l., works. ton. 47.50 - —
l.c.l., 5 tons, works. ton. 50.50 - —
smaller lots, works. ton. 55.50 - —

Iron, Pot.—Methyl Acetoacetate

Manganese, glycerophosphate, bbls., cans, 100 lbs..lb. 2.60 - 2.65
Hydrate, bbls., dlvd.....lb. .30 -
Iodide, bots., jars.....lb. 5.10 - 5.15
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .17½- .19
Ore, 52% basis, bbls., c.l.f. Atl. pts..unit-ton. .26 - .27
Resinate, fused, 3½%, bbls..lb. .06¼- .06½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works. lb. .07 - .07½
cryst., 65% $MnSO_4$, bbls., c.l., dlvd. South.....ton. 48.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works...lb. .04 - —
Mangrove bark, bgs., shipmt, ton. 27.00 - —
Extract, 55%, bgs.....lb. .04 - —
Manna, flake, large, cs.....lb. .45 - .48
small cs.....lb. .24 - .26
Mannitol, pure, cryst., cs., works lb. 1.60 - —
Marble flour, bgs.....ton. 12.00 -14.00
Marjoram, French, bls.....lb. .20 - .21
Tunisan, bls.....lb .21 - .22
Matico leaves, bls.....lb. .30 - .31
Menthol, cs.....lb. 3.20 - 3.30
synthetic, cs.....lb. 2.25 - 2.50
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb., lots.....lb. 3.10 - —
Mercurial ointment, 30%, cns..lb. .74 - —
33⅓%, cns.....lb. .77 - —
50%, cns.....lb. 1.07 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, kgs.....lb. 1.33 - —
Chloride (see Calomel)
Iodide, red, kgs., jars.....lb. 3.45 - 3.50
Yellow, kgs., jars.....lb. 3.55 - 3.60
Nitrate ointment (see Citrine ointment)
Oxide, black, dms., kgs.....lb. 3.85 - —
Red, N.F. (see Red precipitate) tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl...lb. 1.19 - —
USP, dms., kgs.....lb. 1.60 - —
Mercury and chalk, kgs.....lb. .75 - .76
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Compostion, 5½x5½ in.pkg. 1.65 - 1.90
Gold, XX deep, 3⅝x3⅝ in.pkg. 14.50 -15.00
3¼x3¼ in.....pkg. 16.00 - 16.50
4x4 in.....pkg. 18.50 -19.00
3⅝x5⅝ in.....pkg. 21.50 -22.00
3⅝x5⅝ in.....pkg. 23.50 -24.00
Silver, 3¼x3¼ in.....pkg. 2.50 - 2.75
Metanitroaniliin, kgs.....lb. .67 - .69
Metanitroparatoluidin, bbls....lb. 1.40 - 1.45
Metaphenyienediamine, kgs....lb. .82 - .84
Metatoluylenediamine, kgs.....lb. .67 - .69
Methanol, natural, denat. grade, dms., c.l., frt. alld....gal. .46 - —
tanks, frt. alld.....gal. .43 - —
contracts, frt. alld....gal. .40 - —
95%, dms. c.l., Zone 1, frt. alld..gal. .37½- —
2, frt. alld.....gal. .39½- —
3, frt. alld.....gal. .40½- —
4, frt. alld.....gal. .42½- —
5, frt. alld.....gal. .43½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .41 - —
2, frt. alld. or dlvd..gal. .45½- —
3, frt. alld. or dlvd..gal. .44 - —
4, frt. alld. or dlvd..gal. .50 - —
5, frt. alld. or dlvd..gal. .50½- —
tanks, Zone 1, frt. alld..gal. .34 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .37½- —
4, frt. alld.....gal. .37½- —
5 frt. alld.....gal. .37½- —
Methanol, pure, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .43½- —
5, frt. alld.....gal. .45 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol prices, bbls., 2½c. gal. more than drums
synthetic, guaranteed 99.5%, dms., c.l., Zone 1, frt. alld..gal. .40 - —
2, frt. alld.....gal. .42 - —
3, frt. alld.....gal. .43 - —
4, frt. alld.....gal. .45½- —
5, frt. alld.....gal. .48 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .42½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .45½- —
4, frt. alld. or dlvd..gal. .61 - —
5, frt. alld. or dlvd..gal. .52 - —
tanks, Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37 - —
3, frt. alld.....gal. .39 - —
4, frt. alld.....gal. .39 - —
5, frt. alld.....gal. .39 - —
Methanol sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.
Methyl acetate, 90%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld., E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .15 - —
W. of Rockies.....lb. .15½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., l.c.l., frt. alld..lb. .37 - —

Methyl, Acetate—Octyl Acetate

Methyl, Acetone, dms., c.l., contracts, zone 1, frt. alld..lb. .45½- —
4, frt. alld.....gal. .47½- —
5, frt. alld.....gal. .48½- —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .48 - —
2, frt. alld. or dlvd....gal. .52½- —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .45½- —
5, frt. alld. or dlvd....gal. .58½- —
tanks, contracts, Zone 1, frt. alld..gal. .41 - —
2, frt. alld.....gal. .42½- —
3, frt. alld.....gal. .44½- —
4, frt. alld.....gal. .44½- —
5, frt. alld.....gal. .44½- —

Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zones 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.

Methyl acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies. gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies. gal. .59½- —
3, Pacific coast.....gal. .58 - —

Methyl acetone, synthetic, tanks, Zone 1, frt. alld. E. of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies. gal. .49½- —
3, Pacific coast.....gal. .51 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D. Zone 3, Pacific coast.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.50
Benzoate, bots.....lb. .70 - 1.00
Chloride cylrs.....lb. .40 - —
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate dms.....lb. .40 - .46
tins.....lb. .42 - .45
Violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylanthraquinone, bbls.....lb. .80 - .83
Methylene blue, medicl., kgs...lb. 2.00 - 2.25
Methylheptenone, bots.....lb. 3.00 - 4.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol)
Metronite pigment.120 mesh, containers extra, c.l., Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —

Metronite pigment, 180 mesh, containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 48 mesh,bgs.,c.l., works..ton.35.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
200, 100 mesh, bgs., c.l., works..ton.32.00 -40.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -47.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-grd., 160 mesh, pure white, bgs., c.l., dlvd. E. of Miss. R..100 lbs. 4.50 - —
W. of Miss. R.100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbl., c.l..lb. .08¾- —
l.c.l.....lb. .09¾- —
spray, bbls., c.l.....lb. .09½- —
l.c.l.....lb. .10½- —

Milk powder, unskimmed, roller, bbls., c.l..lb. .17½- —
l.c.l.....lb. .18½- —
spray, bbls., c.l.....lb. .17½- —
l.c.l.....lb. .18½- —
Millet seed, bgs.....lb. .03 - .03¼
hulled, bgs.....lb. .05 - .05½
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .06 - .06½
Molybdenum metal, 98%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l. works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .06½
Monoethanolamine, dms.....lb. .31 - .35
Monoethylanilin, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 3.75 - 4.00
Morphine, cns.....oz.10.90 -10.95
Acetate, bots.....oz. 8.80 - 8.85
Ethylhydrochloride, vis.....oz.10.50 -10.55
Hydrobromide, cns.....oz. 8.70 - 8.75
Sulphate, cns.....oz. 8.75 - 8.80
Mullein flowers, cns.....lb. 1.05 - 1.10
Leaves, bls.....lb. .07 - .08
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots....oz.21.00 -22.00
pods, bots.....oz.14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk root, bls.....lb. .08½- .09
Mustard seed, Bombay, brown, bgs..lb. .07½- .08
California, brown, bgs.....lb. .06½- .07
yellow, bgs.....lb. .06¾- .07¼
Chinese, yellow, bgs.....lb. .06¼- .06¾
Dutch, yellow, bgs.....lb. .08¼- .08¾
English, yellow, bgs.....lb. .08¾- .09¼
Hungarian, yellow, bgs....lb. .07¼- .07¾
Montana, brown, bgs.....lb. .07¼- .07¾
yellow, bgs.....lb. .05¾- .06¼
Roumanian, yellow, bgs...lb. .06¼- .06½
Sicilian, brown, bgs.....lb. .11¼ Nom.
Myrobalans, J1, bgs., shipt..ton.21.50 - —
J2, bgs., shipt.....ton.15.00 - —
R2, bgs., shipt.....ton.14.50 - —
Extract, liquid, 25%, bbls...lb. .04¼- —

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. No prices
import., 74-78%, bgs., c.i.f. Atlantic ports..100 lbs. 3.50-4.50 Nom.
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. E. works..lb. .07¼- —
cs., same basis.....lb. .07½- —
pkgs. (16 oz.), same basis..lb. .08 - —
(12 oz.), same basis... pkg. .06½- —
chipped, crushed, bbls., bgs., same basis..lb. .06½- —
rice, cryst., powd., bbls., same basis..lb. .07½- —
Refined naphthalene Western prices are ¼c. per lb. higher, f.o.b. Chicago and Granite City, Ill.; storedoor delivery in metropolitan N. Y., Phila. and Chicago made in mim. 2,000-lb. quantities; smaller lots, 30c. per 100 lbs. higher.
Nerolin, cryst., cns.....lb. 1.27 - 1.33
Nickel carbonate, bbls.....lb. .36 - —
Chloride, bbls.....lb. .18 - .19½
kgs.....lb. .21 - .22
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .13 - .13½
single, bbls.....lb. .13 - .13½
Nicotine, 50%, cns.....8 lbs. 8.25 -10.15
Sulphate, 10-lb. cns.....lb. .76½- 1.06½
5-lb. cns.....lb. .94 - 1.17
dms.....lb. .75 - .85
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms..c.l. lb. .09 - —
l.c.l.....lb. .11 - —
tanks.....lb. .06½- —
Nitrocellulose, alcohol-soluble, ½, 15-20, 30-40, sec. vis., bbls., c.l., works..lb. .29½- —
l.c.l., 20-49, works.....lb. .30 - —
1-19, works.....lb. .31 - —
bronzing, 20, 40, 70 sec. vis., bbls., c.l., works..lb. .31½- —
l.c.l., 20-49, works.....lb. .32 - —
1-19, works.....lb. .33 - —
ester-soluble, ¼, ½, ¾, 15-20 sec. and higher vis., bbls., c.l., works..lb. .27½- —
l.c.l., 20-49, works.....lb. .28 - —
1-19, works.....lb. .29 - —
lacquer, 20, 40 and 70 sec. vis., bbls., c.l., works..lb. .32½- —
l.c.l., 20-49, works.....lb. .33 - —
1-19, works.....lb. .34 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra, excepting film scrap; barrels to be paid for extra, but returnable; contract prices are 1c. lower than the above quotations. A contract price of 25½c. is standard for consumers of 50,000 pounds or over of ester-soluble nitrocellulose a year.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.00 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carroliville, Wis., Sept./Dec., shpt., unit-ton. 1.90 - —
Chemical, Ill., Summer shipt..unit-ton. 1.85 - —
East Coast producing points..unit-ton. 2.00 - 2.15
import., bgs., c.i.f. Atlantic ports, July/Sept. shipt..unit-ton. 2.00 - 2.10
Nitronaphthalene, bbls.....lb. .24 - .25
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmt., cs.....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs, cs.....lb. .19 - .20
110s, bgs, cs.....lb. .16¾- .17½
West Indian, bgs.....lb. .12¼- .12¾
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .07½- .08

O

Oakbark extract, 25% tan., bbls. lb. .03½- —
tanks.....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.S..gal. .10 - —
l.c.l., G.S.....gal. .15 - —
tanks, G.S.....gal. .06 - —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
small lots, works.....lb. .20 - —
tanks, works.....lb. .15 - —

HERE NATURE "TAKES ITS ORDERS" FROM SCIENCE

THERE is no royal road to uniformity in the production of carbon black. *Witco* quality is the result of complete mastery over every step of production. Control begins with the natural gas. As it comes up from the earth it is seized by precision instruments and "given its orders". Giant regulators, dependable as clockwork, regulate the flow of gas with amazing accuracy. It starts the job right. Every subsequent operation from burner house to packing room is regulated, checked and controlled with the same insistence on uniformity. Similarly careful laboratory and plant tests and analyses assure the uniformity of the finished product. It is no easy task to maintain such continual and unrelenting care. But *Witco* quality confirms the success of the system . . . and *Witco* customers confirm the results in smoother production . . . better products!

The care and precision which characterize the manufacture of *Witco* Carbon Blacks are reflected in the quality and uniformity of

WITCO MICAS which have gained a reputation for their *exactness* of grinding—whether the fineness is 40 mesh or 300 mesh. *Witco* Dry-ground are surprisingly free of harsh abrasive materials. *Witco* Water-ground are noted for their whiteness and cleanliness.

WITCO "C" BARYTES pass the severest inspection for the fineness of their grinding and texture and the excellence of their color. Their actual barium sulphate content is substantially above 98% with a corresponding low silica count.

WISHNICK-TUMPEER, INC.
Manufacturers and Importers
CHICAGO . . . . 365 E. ILLINOIS STREET
NEW YORK . . . 295 MADISON AVENUE
BOSTON . . . . . 141 MILK STREET
CLEVELAND . 616 ST. CLAIR AVENUE N. E.
WITCO LTD., BUSH HOUSE, LONDON W. C. 2, ENGLAND
Witco Owned and Operated: The Pioneer Asphalt Company and the Panhandle Carbon Company
BUY DIRECT AND PROFIT DIRECTLY

WITCO

Oil, almond, bitter, artif. (see Benzaldehyde)			
natural, bots.	lb.	2.00	- 2.50
e.p.a., bots.	lb.	2.25	- 2.75
Sweet, true, exp., cns.	lb.	.56	- .57
Amber, crude, cns.	lb.	.20	- .21
refd., cns.	lb.	.52	- .53
Amyris, cns.	lb.	2.70	- 2.80
Angelica root, bots.	lb.	64.00	-80.00
Seed, bots.	lb.	72.00	-160.00
Anilin (see A).			
Anise, USP, cns, dms.	lb.	.56	- .59
Apricot kernel, dom., dms., frt. alld.	lb.	.23½	- .28
spot	lb.	.26	- .28
Russian, dms.	lb.	.19	- .20
Babassu, tanks.	lb.	.06⅞	—
Bay, W.I., cns.	lb.	1.05	- 1.25
Bergamot, artif., cns.	lb.	1.00	- 1.30
natural, coppers.	lb.	1.90	- 2.30
Betula (see Oil, sweet birch).			
Birch (see Oil, sweet birch).			
Birch tar, crude, dms.	lb.	.14	- .15
rectifd., cns.	lb.	.75	- .80
Bois de rose, Brazil, cns.	lb.	1.25	- 1.35
Cayenne, cns.	lb.	2.25	- 2.35
Cade, USP, cns.	lb.	.26	- .28
Cajeput, tech., dms.	lb.	.45	- .46
USP IX, cns.	lb.	.47	- .48
Calamus, cns.	lb.	3.00	- 3.25
Camphor, sassafrassy, cns.	lb.	.15	- .15½
dms.	lb.	.13½	- .14
white, cns.	lb.	.16	- .16½
dms.	lb.	.14½	- .11
Cananga, native, cns.	lb.	2.30	- 2.35
rectifd., cns.	lb.	2.60	- 2.65
Capsicum (oleoresin), USP VIII, cns.	lb.	2.00	- 2.25
Caraway, USP, cns.	lb.	1.90	- 2.25
Cardamom, bots.	lb.	11.00	-28.00
Cassia, USP, cns, dms.	lb.	.95	- 1.10
Castor, blown, one-way dms., c.l.	lb.	.12¾	- —
l.c.l.	lb.	.13	- —
medicinal, bbls., c.l.	lb.	.10¾	- —
l.c.l.	lb.	.11½	- —
cns. (1-gal.), l.c.l.	lb.	.14½	- —
dms. (returnable), c.l.	lb.	.10¼	- —
l.c.l.	lb.	.11¾	- —
(5-gal.), l.c.l.	lb.	.12¾	- —
tanks	lb.	.10	- —
No. 3, bbls., c.l.	lb.	.10¼	- —
l.c.l.	lb.	.11	- —
dms. (returnable), c.l.	lb.	.10	- —
l.c.l.	lb.	.10¾	- —
tanks	lb.	.09¼	- —
Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.			
sulphonated, 50% (43% fat), dms., c.l.	lb.	.08	- —
l.c.l.	lb.	.08¼	- —
75% (63% fat), dms., c.l.	lb.	.11¼	- —
l.c.l.	lb.	.12	- —
80% (68% fat), dms., c.l.	lb.	.12¼	- —
l.c.l.	lb.	.13	- —
Cedarleaf, cns.	lb.	.70	- .75
dms.	lb.	.65	- .70
Cedarwood, Oregon, cns., dms.	lb.	.28	- .30
Southern, cns., dms.	lb.	.18	- .22
Celery, bots.	lb.	10.50	-12.50
Chaulmoogra, USP, cns., 500 lbs.	lb.	.95	-
25 lbs.	lb.	1.05	-
Chinawood	lb.	.18¾	- .19
tanks	lb.	.1820	- .1840
Cinnamon, Ceylon, bots.	lb.	9.00	- 22.00
Seychelle, bots.	lb.	8.00	-10.00
Citronella, Ceylon, cns.	lb.	.21	- 22.
dms.	lb.	.18	- .19
Java, dms.	lb.	.30	- .31
Clove, USP, cns.	lb.	.96	- —
dms	lb.	.94	- —
Coconut, Manila, crude, tanks.	lb.	.04	- —
Pac. Cst.	lb.	.03¾	- .03¾
edible, 76°, tax inc., dms (returnable), c.l.	lb.	.09¼	- —
l.c.l.	lb.	.09¾	- —
tanks	lb.	.08¾	- —
Cod, Newfoundland, tanked, bbls.	gal.	.40	Nom.
Norwegian, bbls.	gal.	.34	- .36
Codliver, med., Norwegian, bbls.	bbl.	24.00	-26.00
poultry, USP, bbls.	gal.	.70	- .75
Coriander, bots.	lb.	5.40	- 5.75
Corn, crude, tanks, works.	lb.	.08	- .08¼
refd., bbls.	lb.	.10¾	- .11
Cottonseed, dom., cooking, bbls. 100 lbs.		10.50	- —
salad, bbls. 100 lbs.		10.65	- —
import., Brazilian, semirefd., dms.	lb.	.05½	Nom.
British, refd., tanks	lb.	.10⅝	Nom.
semirefd., dms.	lb.	.0680	Nom.
Creosote (see C).			
Croton, USP, cns.	lb.	1.35	- 1.40
Cubeb, USP, cns.	lb.	2.75	- 3.25
Crude (see Petroleum, crude).			
Cumin, bots.	lb.	8.50	-10.00
Cypress, cns.	lb.	12.00	- —
Degras (see D).			
Diesel, Bayonne, bulk	bbl.	1.65	- —
California, 27 plus, bulk	bbl.	.80	- .90
Dill seed, bots.	lb.	3.25	- 3.50
Weed, bots.	lb.	5.00	- 5.50
Dip (see D).			
Erigeron, cns.	lb.	1.45	- 1.55
Eucalyptus, cans.	lb.	.34	- .35
dms	lb.	.32	- .33
Fennelseed, sweet, cns.	lb.	1.05	- 1.10
Fuel, bunker, California, tide-water.	bbl.	.82½	- .85
Gulf Coast	bbl.	.90	- —
Kansas, 24-26	bbl.	.80	- .85
Louisiana-Arkansas, 16-20	bbl.	.60	- .70
18-20	bbl.	.65	- .75
N. Y. and N. J. terminals:—			
Monday	bbl.	1.05	- —
Tuesday	bbl.	1.05	- —
Wednesday	bbl.	1.05	- —
Thursday	bbl.	1.05	- —
Friday	bbl.	1.05	- —
Saturday	bbl.	1.05	- —
North Texas, 24-26	bbl.	.65	- .70
26-30	bbl.	.70	- .75
Oklahoma, 18-22	bbl.	.65	- .70
24-26	bbl.	.70	- .75
26-30	bbl.	.80	- .85
28-30	bbl.	.90	- .95
Pennsylvania, 36-40	gal.	.04¾	- .04¾
Furnace, Bayonne, 1, bulk, refinery	gal.	.05¼	- —
2, bulk, same basis	gal.	.04¼	- —
3, bulk, same basis	gal.	.04¼	- —
4, bulk, same basis	gal.	.05¾	- —
Kansas, 32-40	gal.	.03½	- .03¾
Louisiana - Arkansas, 28 - 40, light straw	gal.	.02¾	- .03
Oklahoma, 26-30	gal.	.03	- .03½
32-34	gal.	.03¼	- .03¼
36-38	gal.	.03¼	- .03½
38-40, straw	gal.	.03¼	- .03¾
38-40, zero, 60 c.p.	gal.	.03¾	- .03¾
Fusel (see F).			
Gas, Bayonne, 32-36, bulk	gal.	.04½	- —
Gulf Coast, 32-36, bulk	gal.	.02	- —
Kansas, 32-36, bulk	gal.	.02¾	- .03¾
Louisiana - Arkansas, 32 - 36, bulk	gal.	.02	- .03½
North Texas, 32-36, bulk	gals.	.02¾	- —
Oklahoma, 32-36, zero, straw, bulk	gal.	.02½	- .03¾

Oil, gaultheria (see Oil, wintergreen leaf).			
Geranium, Algerian, rose, cns.	lb.	5.25	- 6.75
Bourbon, cns.	lb.	5.25	- 6.75
Turkish, cns.	lb.	1.60	- 2.00
Grapefruit, cns.	lb.	2.85	- 2.90
Ginger, dist., bots.	lb.	3.50	- 4.00
Guaiac wood, concrete, bots.	lb.	3.10	- 3.15
Haarlem, dom., bots.	gross	3.25	- 3.35
import, bots.	gross	3.40	- 3.50
Halibut-liver, dms. 1,000 A unit-gal.		.75	- 1.00
Hemlock, cns.	lb.	.70	- .80
Hempseed, crude, dms.	lb.	.06¼	- .06½
refd., dms.	lb.	.09¼	- .09⅝
Herring, tanks, Pac. Cst.	gal.	No stocks	
Juniper berry, USP, cns.	lb.	1.00	- 2.00
Wood, tech., cns.	lb.	.45	- —
Lard, common, 1, bbls. 100 lbs.		7.50	- —
2, bbls. 100 lbs.		7.25	- —
extra, bbls. 100 lbs.		9.50	- —
1, bbls. 100 lbs.		7.75	- —
headlight, burning bbls. 100 lbs.		10.75	- —
prime, ed., bbls. 100 lbs.		12.75	- —
ined., bbls 100 lbs.		10.75	- —
winter, strained, extra, bbls, 100 lbs.		9.75	- —
prime, bbls 100 lbs.		10.00	- —
Lavender flowers, French, USP, cns.	lb.	2.75	- 7.25
Garden, cns.	lb.	.45	- .50
Spike, Spanish, tech., cns.	lb.	.95	- 1.40
dms.	lb.	.85	- —
Lemon, Calif., cns.	lb.	1.00	- —
Messina, coppers, cns.	lb.	1.15	- 1.80
Lemongrass, native, cns., dms.	lb.	.43	- .45
Lime, dist., cns.	lb.	5.45	- 6.00
expressed, cns.	lb.	9.35	-12.00
Linaloe wood, cns.	lb.	1.25	- 1.30
Linseed, boiled, bbls., c.l.	lb.	.0980	- .1010
l.c.l., 5 or over	lb.	.1020	- .1050
less than 5	lb.	.1060	- .1090
tanks	lb.	.0920	- .0950
double boiled, bbls., less than 5.	lb.	.1080	- .1110
raw, bbls., c.l.	lb.	.0940	- .0970
l.c.l., 5 or over	lb.	.0980	- .1010
less than 5	lb.	.1020	- .1050
tanks	lb.	.0880	- .0910
Lovage, bots.	lb.	65.00	-66.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—			
California, green, 70 vis., tanks.	gal.	.21½	- —
80, 100 vis., tanks	gal.	.24½	- —
115, 125 vis., tanks	gal.	.26½	- —
green, pale, 750, 900 vis., tanks.	gal.	.21½	- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks.	gal.	.21½	- —
pale, red, 100, 140, 1,000 vis., tanks.	gal.	.21½	- —
pale, 75, 175 vis., tanks.	gal.	.21½	- —
Oklahoma, 100 vis., 3 color, tanks.	gal.	.13¾	- .14
150 vis., 0-10° pour, tanks, gal.		.17	- —
15-25° pour, tanks	gal.	.16½	- —
3 color, tanks	gal.	.14	- .14¼
4 color, tanks	gal.	.13½	- .13¾
E, tanks	gal.	.21	- —
180 vis., 3 color, tanks.	gal.	.15¼	- .15½
4 color, tanks	gal.	.14¾	- .15
190 vis., tanks	gal.	.25	- —
200 vis., 3 color, tanks.	gal.	.15¾	- .16
4 color, tanks	gal.	.15¼	- .15½
5 color, tanks	gal.	.14¾	- .15
E, tanks	gal.	.24	- —
220 vis., 3 color, tanks.	gal.	.16¾	- .17
4 color, tanks	gal.	.16¼	- .16½
5 color, tanks	gal.	.16¼	- .16½
240 vis., 3 color, tanks.	gal.	.17¾	- .18
4 color, tanks	gal.	.17¼	- .17½
280 vis., 3 color, tanks.	gal.	.18¾	- .19
4 color, tanks	gal.	.18	- .18¼
5½ color, tanks	gal.	.17½	- .17¾
Pennsylvania, bright, 600 cold test, 10-40 pour, tanks, gal.		.25½	- —
10-15 pour, tanks	gal.	.26½	- —
cylinder, 600 fire, tanks, gal.		.16	- —
600 flash, tanks	gal.	.19	- —
630 flash, tanks	gal.	.23½	- —
635 fire, tanks	gal.	.17½	- —
650 fire, tanks	gal.	.18	- —
Warren, E, amber, tanks.	gal.	.19½	- —
neutral, 150 vis., 3 color, tanks.	gal.	.22½	- —
180 vis., 3 color, tanks.	gal.	.24	- —
200 vis., 2 color, tanks.	gal.	.26½	- —
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.30½	- —
unfiltered, 600 s.r., bbls., c.l., f.a.s.	gal.	.23	- —
600 flash, s.r., bbl., c.l., f.a.s.	gal.	.24½	- —
630 flash, s.r., bbls., c.l., f.a.s.	gal.	.27½	- —
650 s.r., bbls., f.a.s.	gal.	.23½	- —
Warren, E, bbls., c.l., f.a.s.	gal.	.25	- —
smaller lots, f.o.b.	gal.	.31	- —
Mace, dist., cns.	lb.	1.10	- 1.15
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.32	- .33
refd., alkali, dms, c.l.	lb.	.0700	- —
l.c.l.	lb.	.0700	- —
tanks	lb.	.0640	- —
blown, dms.	lb.	.0700	- —
kettle-bodied, dms.	lb.	.0800	- —
light pressed, dms, c.l.	lb.	.0640	- —
l.c.l.	lb.	.0640	- —
tanks	lb.	.0580	- —
Mineral, white (see Oil, white mineral).			
Mustard, artif., USP., bots.	lb.	1.75	- 1.78
dist., natural, bots.	lb.	8.00	- 9.00
expressed, bbls.	gal.	.70	- .75
Neatsfoot, cold test, bbls. 100 lbs.		16.00	- —
extra, bbls. 100 lbs.		8.00	- —
1, bbls. 100 lbs.		7.75	- —
pure, bbls 100 lbs.		11.50	- —
special, bbls. 100 lbs.		9.75	- —
sulphonated, common, 25% moisture, dms.	lb.	.10½	- —
Neroli, bots.	lb.	35.00	-60.00
Nutmeg, USP, cns.	lb.	1.10	- 1.15
Oiticica, dms.	lb.	.14½	- .15¼
shipment	lb.	.14	- —
Oleo, 1, bbls. 100 lbs.		9.25	- —
2, bbls. 100 lbs.		8.75	- —
Olibanum, bots.	lb.	5.25	- 5.50
Olive, denat., bbls.	lb.	.74	- .75
edible, bbls.	gal.	1.60	- 1.80
foots, bbls.	lb.	.08	- .08¼
sulphonated, 50% (43% fat), dms., c.l.	lb.	.09	- —
l.c.l.	lb.	.09½	- —
75% (63% fat), dms., c.l.	lb.	.12½	- —
l.c.l.	lb.	.13	- —
80% (68% fat), dms., c.l.	lb.	.13½	- —
l.c.l.	lb.	.14	- —

Oil, orange, sweet, dist., cns.	lb.	.75	- —
expressed, African, cns., dms.	lb.	.95	- 1.00
Calif., cns.	lb.	2.25	- —
Florida, cns.	lb.	2.25	- 2.30
Messina, USP, coppers.	lb.	1.90	- 2.00
Spanish, cns.	lb.	2.50	- 2.55
West India, cns.	lb.	1.95	- 2.00
Origanum, Spanish, cns.	lb.	.70	- 1.35
Orris, Florentine, concrete, extra strong, bots.	oz.	5.25	- 5.50
Palm, Niger, cks.	lb.	.04⅝	- .04½
shipment	lb.	.03½	Nom.
softs, 12%, bulk, shipt.	lb.	.0350	- —
20%, bulk, shipt.	lb.	.0340	- —
Sumatra, tanks.	lb.	.03⅝	- .03½
shipment, bulk.	lb.	.03¼	- —
Palmarosa, cns.	lb.	1.60	- 2.00
Palmkernel, bulk, shipt.	lb.	.0490	Nom.
Paraffin, 320° flash, 65-70 vis., tanks, G. S.	gal.	.05¼	- —
330° flash, 70-80 vis., tanks, G. S.	gal.	.05¾	- —
80-85 vis., bbls. extra, Ind. refy.	gal.	.12	- —
350° flash, 100-105 vis., bbls. extra, Ind. refy.	gal.	.14	- —
360° flash, 100-110 vis., tanks, G. S.	gal.	.05¾	- —
Patchouli, bots.	lb.	4.75	- 6.00
Peanut, crude, tanks, works.	lb.	.08¼	- .08½
refd., edible, bbls.	lb.	.12	- .12¼
Pennyroyal, dom., cns.	lb.	1.65	- 2.00
import., cns.	lb.	1.30	- 1.35
Peppermint, natural, cns.	lb.	1.90	- 2.30
redist., USP, cns.	lb.	2.15	- 2.50
Perilla, dms.	lb.	.08	- .08¼
tanks	lb.	.07½	- .08
Petitgrain, Paraguay, cns.	lb.	1.00	- 1.15
Pimento berry, cns.	lb.	2.20	- 2.50
Leaf, cns.	lb.	1.05	- 1.10
Pine, dest.-dist., straw-color, dms., dlvd. E. ports.	gal.	.44	- —
steam-dist., straw-color, bbls.	gal.	.50	- —
tanks	gal.	.54	- —
water-white, bbls.	gal.	.64	- —
tanks	gal.	.59	- —
Pineneedle, Siberian, cns.	lb.	.90	- 1.10
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22½	- —
contracts	gal.	.19½	- —
Whiting, Ind.	gal.	.28	- —
dms., c.l., Bost., Provid.	gal.	.25½	- —
l.c.l., same basis	gal.	.27	- —
tanks, same basis	gal.	.18	- —
Martinez, Cal.	gal.	.28	- —
Rapeseed, blown, bbls.	lb.	.0860	- .0880
denat., bbls.	gal.	.52	- .52½
Red, dist. or saponif., bbls., dlvd.	lb.	.08⅝	- .09¾
dms, dlvd.	lb.	.08½	- .09½
tanks, dlvd.	lb.	.07¾	- —
white, dms, dvld.	lb.	.11½	- .12½
Rose, artif., bots.	oz.	2.00	- 2.00
natural, coppers.	oz.	5.25	-22.50
Rosemary, tech., cns.	lb.	.30	- .42
USP, cns., dms.	lb.	.34	- .45
Rosin, 1st rectfd., dms.	gal.	.42	- .44
2d rectfd., dms.	gal.	.48	- .50
3d rectfd., dms.	gal.	.55	- .57
Rue, bots.	lb.	2.15	- 2.20
Sage, cns.	lb.	1.70	- 1.75
Salmon, tanks, Pac. cst.	gal.	.31	Nom.
Sandalwood, Australia, cns.	lb.	4.50	- 5.00
E.I., USP, cns.	lb.	4.80	- 5.50
Sardine, crude, tanks, Pac. cst.	gal.	.28	Nom.
rfd., alkali, dms., c.l.	lb.	.0700	- —
l.c.l.	lb.	.0700	- —
tanks	lb.	.0640	- —
kettle-bodied, dms.	lb.	.0800	- —
light, pressed, dms., c.l.	lb.	.0640	- —
l.c.l.	lb.	.0640	- —
tanks	lb.	.0580	- —
poultry feed., dms., Pac. cst.	gal.	.50	- —
Sassafras, artif., dms.	lb.	.37	- .38
cns	lb.	.40	- .41
natural, cns., dms.	lb.	.75	- 1.25
Savin, cns.	lb.	1.70	- 1.75
Sesame, dom., refd., white, dms.	lb.	.12¾	- .13¼
yellow, dms.	lb.	.12¾	- .13¼
Shingle stain, bbls., c.l., works, gal.		.17½	- —
l.c.l., works.	gal.	.20	- —
tanks, works.	gal.	.14½	- —
Snakeroot, Canada, cns.	lb.	10.25	-12.50
Soybean, dom., crude, dms.	lb.	.0760	- .0900
tanks	lb.	.0700	- —
refd., dms.	lb.	.0810	- .0900
tanks	lb.	.0750	- .0800
Spearmint, USP, cns.	lb.	1.40	- 1.50
Sperm, bleach, 38°, dms.	lb.	.0940	- .0960
45°, dms.	lb.	.0870	- .0890
natural, dms.	lb.	.0820	- .0840
Spruce, cns.	lb.	.70	- .80
Sunflowerseed, refd., dms.	lb.	.09¼	- .10
Sweet birch, North., cns.	lb.	3.50	- 3.75
South., cns.	lb.	1.90	- 2.10
Tallow, acidless, bbls. 100 lbs.		7.50	- —
tanks 100 lbs.		7.00	- —
Tansy, cns.	lb.	1.50	- 1.60
Tar, commil., dms., c.l., dlvd. E. cities.	gal.	.26	- —
E. ports.	gal.	.25	- —
l.c.l.	gal.	.26	- —
tanks, dlvd. E. cities.	gal.	.20	- —
Tar acid (see T)			
Teaseed, dms.	lb.	.08¾	- .09
shipment, lb.	lb.	.09¼	- —
Thyme, NF, red, dms.	lb.	.68	- .85
white, dms.	lb.	.80	- 1.10
Tung (see Oil, chinawood).			
Turkey red (see Oil, castor, sulphonated).			
Turpentine (see T).			
Turtle, cns.	gal.	4.00	- 5.00
Valerian, bots.	lb.	12.50	-14.00
Vetiver, Bourb., bots.	lb.	10.50	-11.00
Walnut, crude, dms.	lb.	.10¼	- .10½
refd., dms.	lb.	.11¼@	.11¾
Whale, refd., natural, dms.	lb.	.0710	- .0730
winter, bleach., dms.	lb.	.0750	- .0770
White mineral, dom., tech., 50-60 vis., dms.	gal.	.42	- .44
65-75 vis., dms.	gal.	.44	- .46
80-90 vis., dms.	gal.	.45	- .47
U.S.P., 80-90 vis., dms.	gal.	.54	- .56
95-105 vis., dms.	gal.	.63	- .65
125-135 vis., dms.	gal.	.75½	- .77½
140-150 vis., dms.	gal.	.76½	- .78½
175-185 vis., dms.	gal.	.78½	- .80½
200-210 vis., dms.	gal.	.80	- .82
320-330 vis., dms.	gal.	.85½	- .87½
335-345 vis., dms.	gal.	.87	- .89
Russian, 75-85 vis., dms.	gal.	.52	- —
145-155 vis., dms.	gal.	.74½	- —
185-190 vis., dms.	gal.	.76½	- —
275-285 vis., dms.	gal.	.80	- —
335-345 vis., dms.	gal.	.85	- —
Wintergreen, natural, North., cns.	lb.	4.00	- 8.00
South., cns.	lb.	3.85	- 3.75
synth. (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns.	lb.	2.05	- 2.15
Wormwood, cns.	lb.	2.25	- 2.35
Ylang-ylang, Bourb., bots., cns.	lb.	2.50	- 6.00
Manila, bots.	lb.	26.00	-30.00
Opium, USP, cns.	lb.	11.50	-12.50
green cns.	lb.	12.50	-13.50
powd., cns.	lb.	12.50	-13.50

Orange, chrome (see Yellow, chrome).			
Lake, Persian, bbls.	lb.	.50	- .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore and Wash.	lb.	.10¼	- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.10¾	- —
Colo., Mont., N. M., Wyo.	lb.	.10¼	- —
Other points	lb.	.10	- —
smaller lots, dlvd. Ala., etc.	lb.	.10¾	- —
Ariz., etc.	lb.	.11¼	- —
Colo., Mont., N. M., Wyo.	lb.	.11	- —
Other points	lb.	.10½	- —
French Tours, csks., ex dock.	lb.	.17	- —
kgs., ex dock	lb.	.18½	- —
Peel, bitter, bls.	lb.	.06½	- .09
Sweet, bls.	lb.	.09	- .10
Toner, bbls.	lb.	.75	- —
Orangeflower petals, cs.	lb.	.55	- .56
Orris root, Florentine, bgs.	lb.	.09	- .10
fingers, cs.	lb.	.95	- 1.00
powd., bbls., bxs.	lb.	.12	- .13
Verona, bls.	lb.	.08	- .09
powd., bxs., cs.	lb.	.11	- .12
Orthoanisidin, bbls.	lb.	.82	- .84
Orthochloroanilin, dms.	lb.	.60	- .75
Orthochlorophenol, dms.	lb.	.85	- .75
Orthocresol, dms.	lb.	.13	- .15
Orthodichlorobenzene, dms.	lb.	.06¼	- .11½
Orthonitroanilin, dms.	lb.	.48	- .60
Orthonitrochlorobensene, kgs.	lb.	.26	- .29
Orthonitroparachlorophenol, cns.	lb.	.70	- .75
Orthonitrophenol, kgs.	lb.	.85	- .90
Orthonitrotoluene, dms.	lb.	.07	- .10
Orthotoluene sulphonate, kgs.	lb.	2.00	- 2.05
Orthotoluidin, dms.	lb.	.14½	- .15
Osage orange extract, cryst., bbls.	lb.	.17	- .19
liquid, 51°, bbls.	lb.	.07	- .08
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50	- —
bots., cns., 1-50 lbs.	lb.	3.65	- 4.00

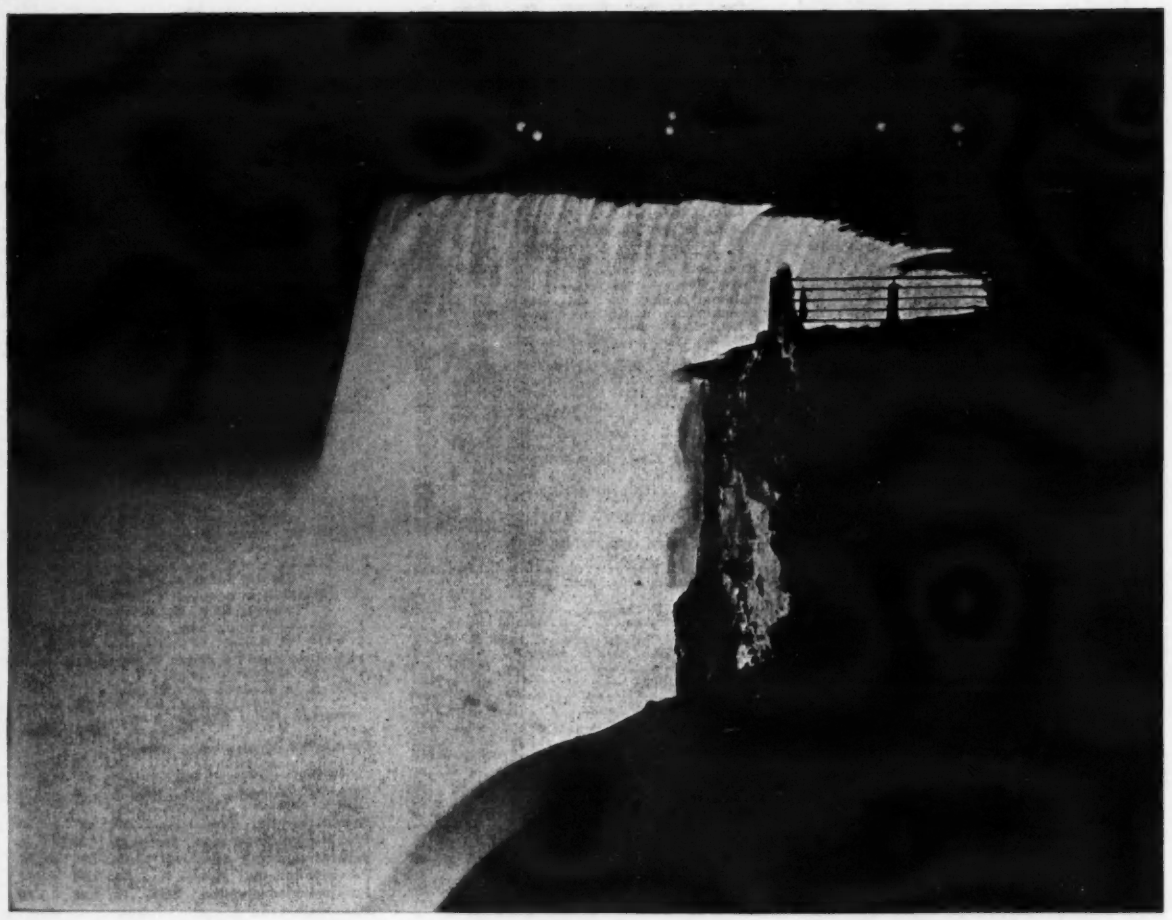
P

Papain, powd., cs.	lb.	1.25	- 1.30
Paprika, Hungarian, bgs.	lb.	.23	- .23½
Spanish, extra fancy, cs.	lb.	.22½	- .23
fair, bgs.	lb.	.21½	- .22
fancy, med., bgs.	lb.	.22	- .23
Para-aminoacetanilide, kgs.	lb.	.85	Nom.
Para-aminophenol, bgs., bbls.	lb.	1.05	- —
Hydrochloride, bbls.	lb.	1.25	- —
Para-amylphenol, tertiary, dms., l.c.l., works.	lb.	.50	- —
Parachlorophenol, dms.	lb.	.30	- .45
Paracymene, rfd., dms.	gal.	.70	- 1.12½
Paradichlorobensene, dms.	lb.	.16	- .20
kegs	lb.	.18	- .22
Paraffin, crude, scale, waxy 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¼	- .02¼
bbls., c.l., N.Y.	lb.	.02¼	- .0210
124-126 A.m.p., bgs., c.l., Okla. refy.	lb.	.02¼	- .02¼
bbls., c.l., N.Y.	lb.	.0230	- .0235
yellow, 124-126 A.m.p., bbls., c.l., N.Y.	lb.	.02½	Nom.
fully rfd., slabs, 120-122 A.m.p., bgs., c.l.	lb.	No prices	
128-135 A.m.p., bgs., c.l.	lb.	.0445	- —
export, f.a.s. N. Y.	lb.	.0440	- —
125-127 A.m.p., bgs., c.l.	lb.	.0455	- —
export, f.a.s. N. Y.	lb.	.04½	- —
128-130 A.m.p., bgs., c.l.	lb.	.0490	- —
export, f.a.s. N. Y.	lb.	.04¾	- —
130-132 A.m.p., bgs., c.l.	lb.	.0495	- —
export, f.a.s. N. Y.	lb.	.0490	- —
133-135 A.m.p., bgs., c.l.	lb.	.0555	- —
export, f.a.s. N. Y.	lb.	.05½	- —
135-137 A.m.p., bgs., c.l.	lb.	.0560	- —
export, f.a.s. N. Y.	lb.	.05¾	- —
138-140 A.m.p., bgs., c.l.	lb.	.0635	- —
143-145 A.m.p., bgs., c.l.	lb.	.0790	- —
Refined paraffin prices in cases are ½c. lb. higher than bags price.			
match, A.m.p. up to and incl. 110-112, bbls., c.l.	lb.	.03	- —
semirfd., solid, 122-124 A.m.p., bgs.	lb.	.02¾	Nom.
Paraformaldehyde, kgs., 1,000 lbs.	lb.	.38	- —
100-lbs.	lb.	.39	- —
Paraldehyde, tech., dms., wks.	lb.	.16	- .18
USP, cbys.	lb.	.37	- .45
Paranitroaniliin, kgs.	lb.	.47	- .49
Paranitrochlorobensene, kgs.	lb.	.23¼	- .24
Paranitrophenol, kgs.	lb.	.35	- .37
Paranitrotoluene, kgs.	lb.	.36	- .37
Paraphenylenediamine, bbls.	lb.	1.25	- 1.30
Paratertiaryamylphenol, dms., 36,000 lbs., Wyandotte, Mich.	lb.	.52	- —
10,000 lbs., same basis	lb.	.55	- —
2,000 lbs., same basis	lb.	.60	- —
1,000 lbs., same basis	lb.	.80	- —
6 lbs., same basis	lb.	1.00	- —
1-5 lbs., same basis	lb.	2.00	- —
tanks, same basis	lb.	.51	- —
Paratoluenesulphonamide, bbls.	lb.	.70	- .75
Paratoluenesulphonanilide, bbls.	lb.	.55	- —
Paratoluidin, bbls.	lb.	.58	- .60
Pareira brava root, bls.	lb.	.13	- .14
Paris green, bxs., frt. all'd E. of Cleve.	lb.	.26	- .27
kgs., same basis	lb.	.22	- .24
kits, same basis	lb.	.26	- —
Passion flower herb, bls.	lb.	.07	- .08
Patchouli leaves, bls.	lb.	.15	- .16
Pellitory root, bls.	lb.	.16	- .17
Pennyroyal, bls.	lb.	.10	- .11
Pentane, norm., 28-38°, dms., c.l., G.S.	gal.	.10	- —
l.c.l., G.S.	gal.	.15	- —
tanks, G.S.	gal.	.09	- —
laboratory grade, dms., c.l., G.S.	gal.	.19	- —
l.c.l., G.S.	gal.	.26	- —
Pepper, black, Alleppy, bgs.	lb.	.10¼	- .10⅝
Lampong, bgs.	lb.	.05¼	- .05⅝
Tellicherry, bgs.	lb.	.10½	- .11
Red, birdseye, new crop, bgs., afloat.	lb.	.15	- .15½
old crop, bgs.	lb.	.13	- .13½
Japanese, 1, bgs.	lb.	.12¼	- .12⅝
Mombassa, bgs.	lb.	.13¼	- .13⅝
White, Borneo, bg

Petrolatum, Amber—Petroleum

Petrolatum, amber, dark, bbls., c.l.	lb.	.03¾-	.03¾
light, bbls., c.l.	lb.	.03½-	.03¾
medium, bbls., c.l.	lb.	.03¾-	.03½
cream, bbls., c.l.	lb.	.05 -	.05½
green, dark, bbls., c.l.	lb.	.03½-	.03¾
red, bbls., c.l.	lb.	.03¾-	.03¾
veterinary, bbls., c.l.	lb.	.03¾-	.03¾
white, lily, bbls., c.l.	lb.	.06 -	.06½
snow, bbls., c.l.	lb.	.07 -	.07½
Petroleum, crude, bulk, at wells:—			
California:—			
Alamitos Heights	bbl.	.74 -	.86
Athens	bbl.	.84 -	1.06
Belridge	bbl.	.70 -	1.32
Buena Vista Hills	bbl.	.70 -	1.26
Coalinga	bbl.	.70 -	.90
Coyote Hills (West)	bbl.	.76 -	1.32
Domingues	bbl.	.79 -	1.04
East Coyote	bbl.	.76 -	.96
Elk Hills	bbl.	.65 -	1.04
Elwood Terrace, f.o.b. ship.	bbl.	1.26 -	1.42
Huntington Beach	bbl.	.79 -	1.22
Inglewood	bbl.	.79 -	1.27
Kern Front	bbl.	.70 -	—
Kern River	bbl.	.70 -	—
Kettleman Hills	bbl.	1.19 -	1.42
La Habra	bbl.	.76 -	.96
Lakeview	bbl.	.65 -	1.04
Lost Hills	bbl.	.70 -	1.32
McKittrick	bbl.	.70 -	—
Midway - Sunset (except Lakeview)	bbl.	.70 -	1.36
Montebello	bbl.	.77 -	1.46
Mt. Poso	bbl.	.70 -	—
Mountain View	bbl.	.70 -	1.20
Newhall	bbl.	.70 -	—
Olinda Brea	bbl.	.76 -	1.27
Orcutt	bbl.	.70 -	.96
Petroleum, crude, bulk, at wells:—			
California:—			
Playa del Rey, f.o.b. pipe-line	bbl.	.80 -	1.16
Richfield	bbl.	.76 -	1.06
Rosecrans	bbl.	.84 -	1.06
Round Mt.	bbl.	.70 -	—
Santa Fe Springs	bbl.	.76 -	1.42
Santa Paula	bbl.	.70 -	1.01
Seal Beach	bbl.	.79 -	1.13
Signal Hill	bbl.	.80 -	1.21
Torrence	bbl.	.80 -	1.06
Wheeler Ridge	bbl.	.70 -	.86
Whittier	bbl.	.76 -	.96
Canada:—			
Oil Springs	bbl.	2.17 -	—
Petrolia	bbl.	2.10 -	—
Central West:—			
Illinois	bbl.	1.23 -	—
Lima	bbl.	1.23 -	—
Midland (Mich.)	bbl.	.90 -	—
Princeton	bbl.	1.13 -	—
East Texas	bbl.	1.15 -	—
Gulf Coast:—			
Barber's Hill	bbl.	.92 -	1.28
Batson	bbl.	.92 -	1.22
Conroe	bbl.	1.24 -	1.24
Dayton	bbl.	.92 -	1.22
Evangeline	bbl.	.92 -	1.22
Goose Creek	bbl.	.92 -	1.22
High Island	bbl.	.92 -	1.22
Hull	bbl	.92 -	1.22
Humble	bbl.	.92 -	1.22
Liberty	bbl.	.92 -	1.22
Markham	bbl.	.92 -	1.22
Orange	bbl.	.92 -	1.22
Pettus	bbl.	1.25 -	—
Pierce Junction	bbl.	.92 -	1.22
Port Lavaca	bbl.	.80 -	—
Refugio, heavy	bbl.	.90 -	—
light	bbl.	.92 -	1.22
Saratoga	bbl.	.92 -	1.22
Sour Lake	bbl.	.92 -	1.22
Spindle Top	bbl.	.92 -	1.22
Petroleum, crude, bulk, at wells:—			
Gulf Coast:—			
Sugarland	bbl.	.92 -	1.22
Terry	bbl.	.92 -	1.22
West Columbia	bbl.	.92 -	1.22
Kentucky, Tennessee:—			
Oil City, in Stoll lines	bbl.	1.90 -	—
Somerset	bbl.	1.90 -	1.96
Western Kentucky, all gravities	bbl.	1.26 -	—
Louisiana, Arkansas:—			
Bosco	bbl.	1.02 -	—
Bull Bayou	bbl.	.71 -	1.06
Caddo	bbl.	.76 -	1.10
Cameron Meadows	bbl.	.62 -	1.12
Cotton Valley	bbl.	.76 -	1.10
De Soto	bbl.	.76 -	1.10
El Dorado	bbl.	.76 -	1.10
Haynesville	bbl.	.76 -	1.10
Homer	bbl.	.76 -	1.10
Iowa	bbl.	.72 -	1.06
Lockport	bbl.	.92 -	1.22
Miller County	bbl.	.76 -	1.10
Nevada	bbl.	.65 -	—
Pine Island	bbl.	.84 -	1.06
Rodessa	bbl.	.76 -	1.10
Smackover	bbl.	.76 -	.80
Urania	bbl.	.97 -	—
Mexico, f.o.b. terminals, Mexican ports—based on contract:—			
Panuco	bbl.	1.00 -	—
Tax, 12.365c. per bbl.			
Tuxpan	bbl.	No prices	
Tax, 20.261c. per bbl.			
Midcontinent:—			
Corsicana	bbl.	.80 -	—
North Texas	bbl.	.80 -	1.12
Oklahoma-Kansas	bbl.	.86 -	1.16
Pennsylvania, Ohio, West Virginia:—			
Bradford-Allegany	bbl.	2.45 -	—
Corning	bbl.	1.43 -	—
Petroleum, crude, bulk, at wells, Pennsylvania grade, in Buckeye lines	bbl.	1.97 -	—
Eureka lines	bbl.	2.12 -	—
S.W. Penn lines	bbl.	2.17 -	—
lower district in National Transit lines	bbl.	2.27 -	2.42
Rocky Mountain:—			
Big Muddy	bbl.	1.11 -	—
Cat Creek	bbl.	1.07 -	—
Elk Basin	bbl.	1.23 -	—
Frannie, heavy	bbl.	.73 -	—
light	bbl.	.76 -	—
Grass Creek, heavy	bbl.	.72 -	—
light	bbl.	1.23 -	—
Greybull	bbl.	1.23 -	—
Lance Creek	bbl.	.75 -	—
Pondera	bbl.	1.05 -	—
Rock Creek	bbl.	1.13 -	—
Salt Creek	bbl.	.94 -	1.19
Sunburst	bbl.	1.15 -	—
South, Central and Southwestern Texas:—			
Cass County	bbl.	.86 -	1.10
Darst Creek	bbl.	.97 -	1.03
Luling	bbl.	.90 -	—
Lytton Springs	bbl.	1.00 -	—
Mirando	bbl.	.85 -	—
Panola County	bbl.	.84 -	1.08
Salt Flat	bbl.	1.03 -	—
Saret	bbl.	.90 -	—
Tomball	bbl.	1.30 -	—
Van	bbl.	.79 -	1.06
Texas Panhandle:—			
Carson-Hutchinson counties	bbl.	.81 -	.86
Gray County	bbl.	.86 -	.86
West Texas:—			
Artesia, N. M.	bbl.	.76 -	—
Crane	bbl.	.76 -	.90
Crockett	bbl.	.76 -	.90
Ector	bbl.	.76 -	.90
Glasscock	bbl.	.76 -	.90
Hobbs, N. M.	bbl.	.65 -	—
Hogback	bbl.	1.21 -	—
Howard	bbl.	.76 -	.90
Jackson, N. M.	bbl.	.76 -	—
Lea, N. M.	bbl.	.76 -	.90
Maljamar, N. M.	bbl.	.76 -	—
Mitchell	bbl.	.90 -	—
Pecos	bbl.	.76 -	.90
Upton	bbl.	.76 -	.90
Winkler	bbl.	.85 -	—
Ether, 30-60°, dms., c.l., G.S.	gal.	.18 -	—
l.c.l., G.S.	gal.	.17 -	—
tanks, G-S	gal.	.14 -	—
35-60°, dms., l.c.l., G.S.	gal.	.23 -	—
40-75°, dms., c.l., G.S.	gal.	.15 -	—
l.c.l., G.S.	gal.	.16 -	—
tanks, G.S.	gal.	.13 -	—
laboratory grade, dms., c.l., G.S.	gal.	.19 -	—
l.c.l., G.S.	gal.	.25 -	—
10-gal. lots, G.S.	gal.	.30 -	—
Lacquer, diluent, at refinery:—			
California, 49-51, 257 i.b.p., 365 e.p., tanks	gal.	.13 -	—
58-62, 190 i.b.p., 270 e.p., tanks, delvd. Los Angeles	gal.	.12½-	—
San Francisco	gal.	.14 -	—
f.o.b. Richmond, Willbridge, Ore.; Pt. Wells, Wash.	gal.	.14 -	—
	gal.	.14½-	—
61-63, 149 i.b.p., 275 e.p., tanks	gal.	.15 -	—
East Coast, tanks	gal.	.12 -	.13½
drums	gal.	.19 -	—
Group 2, tanks	gal.	.09½-	.09½
Naphtha, cleaners, at refinery:—			
East Coast, tanks	gal.	.06½-	—
Group 3, tanks	gal.	.07¾-	.07½
tankwagon, Boston, ex-tax, gal.		.13 -	—
Chicago, inc. 3c. tax	gal.	.135 -	—
Decatur, inc. 3c. tax	gal.	.135 -	—
Des Moines, inc. 3c. tax	gal.	.133 -	—
Milwaukee, inc. 4c. tax, gal.		.198 -	—
Minneapolis-St. Paul, inc. 3c. tax	gal.	.139 -	—
Newark, ex tax	gal.	.11½-	—
New York, ex tax	gal.	.11½-	—
Omaha, ex tax	gal.	.166 -	.20
Philadelphia, ex tax	gal.	.11½-	—
St. Louis, ex tax	gal.	.152 -	—
Syracuse, 150 gals.	gal.	.14 -	—
smaller lots, galv. drums, gal.		.16 -	—
milk cans	gal.	.21 -	—
high solvency, aromatic, S, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J.	gal.	.17 -	—
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt.	gal.	.16½-	—
60, same basis	gal.	.16½-	.17
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equald. nearest comp. pt.	gal.	.16 -	—
2, same basis	gal.	.18 -	—
3, same basis	gal.	.16 -	—
4, same basis	gal.	.18 -	—
V.m.&p., at refinery:—			
California, 49.5, 255 i.b.p., 390 e.p., tanks, f.o.b. El Segundo	gal.	.13½-	—
Richmond	gal.	.14 -	—
Willbridge, Ore., Pt. Wells, Wash.	gal.	.14½-	—
54-57, 190 i.b.p., 310 e.p., tanks, delvd. Los Angeles	gal.	.12½-	—
San Francisco	gal.	.13 -	—
East Coast, tanks	gal.	.10 -	—
Group, 3, tanks	gal.	.07¾-	.07½
Pennsylvania, tanks	gal.	.07½-	—
tankwagon, Boston, ex-tax, gal.		.18 -	—
Chicago, inc. 3c. tax	gal.	.165 -	—
Decatur, inc. 3c. tax	gal.	.185 -	—
Des Moines, inc. 3c. tax	gal.	.183 -	—
Milwaukee, inc. 4c. tax	gal.	.198 -	—
Minneapolis-St. Paul, inc. 3c. tax	gal.	.189 -	—
Newark, ex tax	gal.	.12½-	—
New York, ex tax	lb.	.11½-	—
Omaha, ex tax	gal.	.194 -	.204
Philadelphia, ex tax	gal.	.13 -	—
St. Louis, ex tax	gal.	.152 -	—
Solvent, rubber, at refinery:—			
California, 60.2-63.5, 167 i.b.p., 230 e.p., tanks, inc. tax	gal.	.14 -	—
62.3, 104 i.b.p., 293 e.p., tanks, inc. tax	gal.	.14 -	—
East Coast, tanks	gal.	.09½-	—
Group 3, light, 120 i.b.p., 250 e.p., tanks	gal.	.07¾-	.07½
standard, 180 i.b.p., 288 e.p., tanks	gal.	.07¾-	.07½
Stoddard (CS 3-28), at refinery):—			
East Coast, tanks	gal.	.09½-	—
Group 3, tanks	gal.	.06¾-	.07
tankwagon, Boston, ex tax.	gal.	.13½-	—
Chicago, inc. 3c. tax	gal.	.14 -	—
Decatur, inc. 3c. tax	gal.	.17½-	—
Des Moines, inc. 3c. tax	gal.	.173 -	—
Milwaukee, inc. 4c. tax	gal.	.188 -	—

HANDLE WITH CARE!



WHEN a delicate product is shipped through the mails, the invariable accompaniment is a warning to "Handle With Care". When a delicate problem involving the use of

CAUSTIC SODA, CAUSTIC POTASH
or
CARBONATE OF POTASH

is submitted to Niagara Alkali Company, there is no need of such warning. For Niagara customers know that we are the pioneer producers of Caustic Potash and Carbonate of Potash — and one of the oldest producers of Caustic Soda in this country. They trust us implicitly because of our long and valuable experience in handling *all* problems and *all* orders with care—and dispatch!

Niagara
ALKALI COMPANY
9 EAST 41ST STREET, NEW YORK, N. Y.
Associated with Electro Bleaching Gas Co.
Pioneer Manufacturer of Liquid Chlorine

Petroleum, solvent, Stoddard, tankwagon, Minneapolis-St. Paul, inc. 3c. tax gal. .164 - —
Newark, ex tax..... gal. .10½- —
New Orleans, ex tax.. gal. .11 - —
New York, ex tax..... gal. .10½- —
Omaha, ex tax..... gal. .14 - .15
Philadelphia, ex tax.. gal. .11¼- —
St. Louis, ex tax..... gal. .135 - —
Thinner, at refinery:—
California, 35.5, 300 i.b.p., 413 e.p., low anilin, tanks, f.o.b. Los Angeles... gal. .14 - —
Portland, Ore..... gal. .15 - —
Richmond ..... gal. .12½- —
Seattle, Wash.... gal. .15½- —
42-46, 305 i.b.p., 410 e.p., tanks, f.o.b. Point Wells, Wash.: Willbridge, Ore. gal. .12½- —
Richmond ..... gal. .12 - —
Southern Calif'nia. gal. .11½- —
45.4, 190 i.b.p., 300 e.p., low anilin, tanks, f.o.b. Los Angeles.. gal. .13 - —
Portland, Ore..... gal. .13 - —
Richmond ..... gal. .17½- —
Seattle, Wash.... gal. .19½- —
55, 200 i.b.p., 305 e.p., tanks, f.o.b. El Segundo, gal. .13½- —
Portland, Ore..... gal. .14½- —
Richmond ..... gal. .14 - —
Seattle, Wash.... gal. .14½- —
East Coast, 43-47, tanks. gal. .09 - —
47-49, tanks..... gal. .09 - —
Group 3, tanks..... gal. .06¾- .06½
Pennsylvania, tanks.... gal. .06¾- —
tankwagon, tax included:—
Albany ..... gal. .135 - —
Baltimore ..... gal. .12 - .15
Bingham, N. Y..... gal. .14 - .16
Boston, 20,000 gals.... gal. .12 - —
smaller lots..... gal. .13 - —
Bridgeport, Conn..... gal. .13 - —
Buffalo ..... gal. .14 - —
Camden, N. J..... gal. .115 - .125
Chicago ..... gal. .102 - —
Decatur, Ill..... gal. .175 - —
Des Moines..... gal. .173 - —
Milwaukee ..... gal. .188 - —
Minneapolis-St. Paul. gal. .179 - —
Newark ..... gal. .10¼- —
New York..... lb. .10¼- —
Omaha ..... gal. .15¼- .16½
Philadelphia ..... gal. .115 - .135
Pittsburgh ..... gal. .12 - .14
Providence, 20,000 gals. gal. .12 - —
smaller lots..... gal. .13 - —
Rochester ..... gal. .12 - .16
St. Louis..... gal. .142 - —
Syracuse ..... gal. .14 - —
Trenton ..... gal. .11¼- .13½
Wilmington ..... gal. .15 - —
contracts, 1,000 gals. gal. .13 - —
Phenobarbital, bots..... lb. 4.60 - 4.85
Phenol, USP, dms., c.l. works, frt. equald... lb. .14½- —
l.c.l., same basis..... lb. .15 - —
tins, c.l., same basis..... lb. .15¼- —
l.c.l., same basis..... lb. .16 - —
Phenolphthalein, USP, bbls., dms., 2,000 lbs.. lb. .65 - —
bbls., dms., kegs, 100-250 lbs. lb. .67 - —
yellow, bbls..... lb. .60 - —
Phenyl chloride, dms..... lb. .16 - —
Phenylacetaldehyde, bots..... lb. 4.85 - 5.35
Phenylhydrazin hydrochloride, CP, bots., works.. lb. 3.80 - 5.10
commercial, kgs., works... lb. 3.80 - 6.50
pure, bots., works..... lb. 2.95 - 3.25
Phlorogiucinol, CP, tins, works. lb. 20.00 -22.00
tech., tins, works..... lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines.. long ton. 4.85 - —
land pebble, 68% min., bulk, mines.. long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.35 - —
72% min., bulk, mines... long ton. 2.85 - —
75% basis, 74% min., bulk mines.. long ton. 3.85 - —
Tenn., 72%, bulk, mines..... long ton. 4.50 - —
75%, bulk, mines... long ton. 5.50 - —
Phosphorus, red, cs..... lb. .40 - .44
Yellow, cs..... lb. .28 - .37½
Oxychloride, cyls..... lb. .16 - .20
Sesquisulphide, cs..... lb. .35 - .42
Trichloride, cyls..... lb. .16 - .20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R.. lb. .14½- —
l.c.l., same basis..... lb. .15½- —
Pichi leaves, bgs..... lb. .08 - .10
Pilocarpine hydrochloride, bots., vls.. oz. 2.50 - 2.75
Nitrate, bots., vls..... oz. 2.40 - 2.65
Pimento, bgs..... lb. .12¾- .13¼
Pinkroot, bls..... lb. .34 - .35
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works.. ton. 19.00 - —
l.c.l. ..... ton. 22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron.. ton. 20.00 -21.00
f.o.b. works..... ton. 15.00 - —
Linseed, dms..... lb. .04½- .05
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls..... bbl. 4.00 - 4.50
Stearin, dms..... lb. .03 - .04½
Plaster of paris (see Gypsum).
Pleurisy root, bls..... lb. .12 - .13
Podophyllin, cns..... lb. 3.00 - 3.25
Poke root, bls..... lb. .06½- .07
Pomegranate bark, bgs..... lb. .18 - .19
Root bark, bgs..... lb. .40 - .41
Poppy flowers, red, bls..... lb. .35 - .40
Seed, Dutch, bgs..... lb. .06 - .06½
Hungarian, bgs..... lb. .0640-.0670
Polish, bgs..... lb. .05¾- .06¼
Potash acetate, USP, bbls., kgs. lb. .26 - .28
50% sol., bbls..... lb. .06¼- .09
Bicarbonate, USP, cryst., bbls. lb. .09 - .18
gran., bbls..... lb. .10 - .18
Bichromate, bbls..... lb. .08½- .09
Binoxalate, dms..... lb. .28 - —
Bisulphate, kgs..... lb. .15½- .18
Bromide, bbls..... lb. .31 - .32
Carbonate, calc., 90-100%, cks. lb. .06½- .09
96-98%, cks., c.l., Bost., Balto. arrival.. lb. .06¾- —
l.c.l., 5 or over, same basis.. lb. .07½- —
N. Y. arrival..... lb. .07¼- —
N. Y. stocks..... lb. .07½- —
less than 5, Bost., Balto. arrival.. lb. .07¼- —
N. Y. arrival..... lb. .07¾- —
N. Y. stocks..... lb. .07¾- —
80-85%, cks..... lb. .07¼- .07¼
hydrated, 83-85%, bbls., c.l., works.. lb. .06 - —
l.c.l., 10 or over..... lb. .06¼- —
1-9 ..... lb. .06¾- —
liquid, dms., dlvd..... lb. .03½- .03¾
USP, gran., bbls..... lb. .16 - —
powd., bbls..... lb. .19 - —

Potash, caustic, flake, 88-92%, dom., dms., c.l., works. lb. .07 - —
l.c.l. ..... lb. .07¼- .07½
import., dms..... lb. .07 - .07½
liquid, 45% basis, dms... lb. .03½- .03¾
tanks ..... lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works.. lb. .06¼- —
l.c.l. ..... lb. .06½- .06¾
import., csks..... lb. .06¼- .06¾
Chlorate cryst., kgs..... lb. .09¼- .09½
gran., kgs..... lb. .12 - .13
powd., kgs..... lb. .08½- .09¾
Chloride, tech., 98%, cryst., bbls. lb. .04 - .04½
Chromate, kgs..... lb. .28 - .30
Citrate, USP, gran., bbls., 250 lbs.. lb. .37 - —
kgs., 100 lbs..... lb. .38 - —
cns., 50 lbs..... lb. .39 - —
cns., 25 lbs..... lb. .41 - .43
Cyanide, cns., dms..... lb. .55 - .60
Glycerophosphate, 75% sol., cns., 100 lbs.. lb. 1.35 - 1.39
Guaiacolsulphonate, cns..... lb. 1.65 - 1.70
Hydroxide, USP, sticks, cns. lb. .26 - .27
Hypophosphite, cns..... lb. .72 - .77
Iodate, bbls..... lb. 3.20 - 3.35
Iodide, bbls., fib. dms..... lb. 1.10 - 1.15
Kainit, high-grade, 20% K_2O, bulk, shipt., unit-ton. .53 - —
Manure salt, dom., 27-31%, bulk, c.i.f. ports.. unit-ton. .48 - —
run of mine, approx. 30% K_2O, bulk, c.i.f. ports, unit-ton. .48 - —
import., 50% K_2O, bulk, shipt. unit-ton. .48 - —
Metabisulphite, kgs..... lb. .13½- —
Muriate, dom., all strengths, min. 80% K_2O, bulk.. unit-ton. .46 - —
import., all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports.. unit-ton. .45 - —
Potash muriate prices in bags are $3 ton higher than bulk price.
Nitrate, crude, 95%, for fert. use, bulk, bgs., c.i.f. ports. ton. 45.00 -46.00
Oxalate, pure, cryst., kgs.... lb. .30 - .31
tech., bbls..... lb. .26 - .28
Perchlorate, kgs., works..... lb. .09 - .11
Permanganate, tech., dms... lb. .18½- .19
USP, dms..... lb. .18½- .19
Prussiate, red, bbls..... lb. .35 - .37
Yellow, bbls..... lb. .18 - .19
Sulphate, NF, bbls..... lb. .13 - .14
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports.. ton. 38.75 - —
Vegetable, bulk, f.o.b. Balto. ton. 19.97 Nom.
Xanthate, dms., c.l..... lb. .13 - —
l.c.l. ..... lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton. 22.25 - —
Potash-titanium oxalate, kgs.. lb. .33 - .35
Prickly ash bark, bls..... lb. .13 - .14
Berries, bls..... lb. .15 - .16
Prince's pine herb, bls..... lb. .17½- .18
Propane, tanks, G.S..... gal. .01¼- .04¾
cyls., 100 lbs., G.S..... gal. .40 - —
Psyllium seed (see Flaxseed).
Pulsatilla, bls..... lb. .15 - .16
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works.. lb. .03 - —
less than 3, works.. lb. .03½- —
F and 1, bbls., 3 or over, works.. lb. .03½- —
less than 3, works.. lb. .04 - —
0, 0½, 0¾, and 1¼, bbls., 0, 0-½, 0-¾, and 1¼, bbls., 3 or over, works.. lb. .04 - —
less than 3, works.. lb. .04½- —
Ital.-grd., bgs., c.l., shipt., ex dock, N.Y... ton. 33.00 - —
l.c.l., 5-29 tons, ex whse. ton. 38.00 - —
1,000-10,000 lbs., ex whse.. ton. 39.00 - —
2 bgs. to 1,000 lbs., ex whse.. ton. 41.00 - —
single bgs., ex whse. ton. 46.00 - —
Pumpkin seed, bgs..... lb. .09 - .13
Purple lake (see Red).
Putty, com'l, dms..... 100 lbs. 3.00 - —
linseed oil, raw, dms.... 100 lbs. 4.75 - —
refined, dms..... 100 lbs. 5.25 - —
standard, dms..... 100 lbs. 3.75 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) dms. (incl.) frt. alld. E. of Rockies, standard brand.. gal. 4.25 - 4.60
standard make..... gal. 4.25 - 4.60
outside brands..... gal. 3.75 - —
basis 3.6% pyrethrins, dms. (incl.) frt. alld. E. of Rockies, standard brand. gal. 6.25 - 6.60
Pyrethrum flowers, Japan, 1935 crop, bls. 15 tons or over, ex whse. N. Y.. lb. .0740- —
afloat ..... lb. .0740- —
1936 crop, basis 0.90% pyrethrins (Gnadinger test), bls. 15 tons or over, c.i.f. N.Y., July-Dec.. lb. .0715- —
coarse, grnd. (g.f.p.), Japan, bgs., 15 tons or over.. lb. .11½- —
fine powd., Dalmat., bbls., kgs.. lb. .16 - .17
Japan, bbls., 5 tons..... lb. .14 - —
Pyridin, denaturing, dms..... gal. 1.30 - —
refd., 2°, dms..... lb. .40 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports.. unit-ton. .12 - .13
Pyrocatechin, CP, cryst., works, fib. dms., tins.. lb. 2.15 - 2.40
resublimed, fib. dms., tins. lb. 4.60 - —

Q

Quassia, chips, bls..... lb. .06 - .07
Quebracho extract, liquid, 35% tan., bbls., works.. lb. .03½- —
tanks, works..... lb. .02¾- —
solid, 62%, bgs., c.l., ex dock, plus duty.. lb. .03¾- —
clarified, 64%, bgs., c.l., same basis.. lb. .03¾- —
Queen of the meadow, bgs..... lb. .06 - .07
Root, bgs..... lb. .06 - .07
Quercitron, extract, liquid, 51°, bbls.. lb. .06 - .08
solid, dms..... lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd. N. Y.. flask. 75.50 -76.50
Quince seed, bgs..... lb. .45 - 1.55
Quinidine, cryst., cns..... oz. .96 - .98
Sulphate, cns..... oz. .67 - —
Quinine, cns..... oz. .74 - —
Acetate, cns..... oz. .98 - —
Arsenate, cns..... oz. .98 - —
Arsenite, cns..... oz. 1.00 - —
Bisulphate, cns..... oz. .71 - —
Citrate, cns..... oz. .71 - —
Dihydrobromide, bots..... oz. .74 - —
Dihydrochloride, bots..... oz. .74 - —
Ethylcarbonate, cns..... oz. .74 - —
Ferrocyanide, cns..... oz. 1.00 - —
Formate, cns..... oz. .93 - —
Glycerophosphate, cns..... oz. 1.13 - —
Hydrochloride, cns..... oz. .66½- —
Quinine, hydrochlorosulphate, cns. oz. .74 - —
Hydriodide, cns..... oz. .98 - —
Hypophosphite, cns..... oz. .98 - —
Phosphate, cns..... oz. .81 - —
Salicylate, cns..... oz. .72 - —
Sulphate, cns..... oz. .53 - —
Sulphocarbolate, cns..... oz. .96 - —
Tannate, cns..... oz. .57 - —
Tartrate, cns..... oz. .96 - —
Valerate, cns..... oz. .92 - —
Quinine-urea hydrochloride, cns. oz. .74 - —

R

R salt, bbls..... lb. .52 - .57
Rapeseed, Belgian, bgs..... lb. .04½- .05
Dutch, bgs..... lb. .05½- .06
Japanese, bgs..... lb. .04½- .04¾
Raspberries, dried, bbls..... lb. .40 - .45
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..... lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast, 1¼c higher dlvd. Tex. (El Paso, 2c.). for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Amaranth (see Red, maroon, lake).
Cadmium, lithopones, deep shade, bbls., ton lots, works, frt. alld.. lb. .80 - —
smaller lots, same basis. lb. .85 - —
kgs., ton lots, same basis. lb. .85 - —
smaller lots, same basis. lb. .90 - —
light shade, bbls., ton lots, same basis.. lb. .65 - —
smaller lots, same basis. lb. .70 - —
kgs., ton lots, same basis. lb. .70 - —
smaller lots, same basis. lb. .75 - —
light-medium shade, bbls., ton lots, same basis.. lb. .70 - —
smaller lots, same basis. lb. .75 - —
kgs., ton lots, same basis. lb. .75 - —
smaller lots, same basis. lb. .80 - —
maroon shade, bbls., ton lots, same basis.. lb. .90 - —
smaller lots, same basis. lb. .95 - —
kgs., ton lots, same basis. lb. .95 - —
smaller lots, same basis. lb. 1.00 - —
medium shade, bbls., ton lots, same basis.. lb. .75 - —
smaller lots, same basis. lb. .80 - —
kgs., ton lots, same basis. lb. .80 - —
smaller lots, same basis. lb. .85 - —
Selenide, bbls., c.l., works.. lb. 2.00 - —
l.c.l., works..... lb. 2.50 - —
Orange, bbls., c.l., works. lb. 1.50 - —
l.c.l., works..... lb. 1.75 - —
Carmine 40, cns., 300 lbs.... lb. 4.00 - —
100 lbs..... lb. 4.15 - —
11 lbs..... lb. 4.40 - —
Crocus martis (see Red, purple oxide).
Eosin, kgs..... lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y.. lb. .06¾- —
80%-85%, bbls., same basis. lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.. lb. 1.25 - —
open order..... lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts.. lb. .75 - —
open order..... lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake.. lb. 1.65 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls., lb. 1.19 - —
Metallic, bbls., Pa., works.. lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works. lb. .06½- —
l.c.l., works..... lb. .09¼- —
reduced, 55% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y.. lb. .08¼- —
80% copperas oxide, bbls., same basis.. lb. .07¾- —
Para toner, concent., kgs., same basis alizarin lake, contracts .lb. .75 - —
open order.. lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.. lb. .04¾- —
ex whse., Chicago, St. Louis.. lb. .04¾- —
San Fran., Los Ang., Portland, Seattle.... lb. .05 - —
Purple lake, kgs..... lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis.. lb. .03 - —
Toner, kgs..... lb. 1.50 - 2.00
Rose lake, bbls..... lb. .20 - .30
Pink, bbls..... lb. .15 - .25
Scarlet ink toner, kgs., same basis alizarin lake.. lb. .45 - —
Lake, kgs., same basis alizarin lake.. lb. .25 - .35
Spanish oxide, 1, bbls., c.l., f.o.b. N.Y. Pa., ship pt. or ex dock N. Orleans, Phila. lb. .03½- —
f.o.b. St. Louis..... lb. .03¾- —
l.c.l. f.o.b. Bethlehem, Easton, N.Y. N. Orleans, Phila.. lb. .03¾- —
St. Louis..... lb. .04 - —
ex dock or ex whse., San Fran., Los Ang., Port., Seat. lb. .04¼- —
ex whse., Chgo., Cleve., Pgh.. lb. .04¼- —
2, bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila.. lb. .02¾- —
f.o.b. St. Louis..... lb. .03 - —
l.c.l., f.o.b. Bethlehem, Easton, N.Y. N. Orleans, Phila.. lb. .03 - —
St. Louis..... lb. .03½- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat.. lb. .03¾- —
ex whse., Chgo. Cleve., Pgh.. lb. .03½- —

Petroleum—Shellac, Garnet

Red, Spanish oxide, 3, bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Phila. lb. .0265- —
f.o.b. St. Louis..... lb. .0290- —
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Phila.. lb. .0290- —
St. Louis..... lb. .0315- —
ex dock or ex whse., San Fran., Los Ang., Port., Seat.. lb. .03¾- —
ex whse., Chgo., Cleve., Pgh.. lb. .0340- —
Toluidin toner, kgs., same basis alizarin lake.. lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N.Y., E. St. Louis.. lb. .23½- —
2, bbls., same basis..... lb. .30½- —
3, bbls., same basis..... lb. .23½- —
4, bbls., same basis..... lb. .33½- —
5, bbls., same basis..... lb. .24 - —
6, bbls., same basis..... lb. .24 - —
7, bbls., same basis..... lb. .24 - —
8, bbls., same basis..... lb. .23 - —
9, bbls., same basis..... lb. .31½- —
10, bbls., same basis..... lb. .18¾- —
Venetian, bbls., works..... lb. .0190- —
10%, bbls., works..... lb. .0215- —
12%, bbls., works..... lb. .02¼- —
20%, bbls., works..... lb. .02¼- —
25%, bbls., works..... lb. .02¾- —
30%, bbls., works..... lb. .03 - —
35%, bbls., works..... lb. .0335- —
40%, bbls., works..... lb. .03¾- —
Vermilion, American, bbls., same basis alizarin lake.. lb. .15 - —
English quickslver, bbls., 500-lbs.. lb. 1.50 - —
smaller lots..... lb. 1.60 - 1.75
Red dyes are listed under Dyes.
Red precipitate, bxs., fib. dms., kgs., 100-lbs.. lb. 1.44 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., cns., works.. lb. .75 - .80
USP, cryst., cns., kgs., works. lb. 1.60 - 1.65
Rhatany root, bgs..... lb. .09 - .10
Rhodinol, bots..... lb. 5.75 - 9.00
Rhubarb, root, bbls., cs., kgs.. lb. .20 - .21
powd., bbls., kgs..... lb. .84 - .35
Rochelle salt, cryst., bbls..... lb. .14 - —
powd., bbls..... lb. .13 - —
Rose flowers, pale, bls..... lb. .14 - .15
Red, bls..... lb. 1.55 - 1.60
Water, triple..... djn. 4.75 - 5.00
Rosemary flowers, bls..... lb. .35 - .40
Leaves, bls..... lb. .05 - .05½
Rosin, gum, B, bbls., ex dock, 280 lbs. 5.25 - —
D, bbls..... 280 lbs. 5.50 - —
E, bbls..... 280 lbs. 5.60 - —
F, bbls..... 280 lbs. 5.77½- —
G, bbls..... 280 lbs. 5.77½- —
H, bbls..... 280 lbs. 5.77½- —
I, bbls..... 280 lbs. 5.80 - —
K, bbls..... 280 lbs. 5.80 - —
M, bbls..... 280 lbs. 5.80 - —
N, bbls..... 280 lbs. 5.95 - —
W. G., bbls..... 280 lbs. 6.00 - —
W. W., bbls..... 280 lbs. 6.10 - —
X, bbls..... 280 lbs. 6.15 - —
Rosin, wood, F.F., bbls., spot. 280 lbs. 5.12 - 6.15
works ..... 280 lbs. 4.40 - —
I, bbls., spot..... 280 lbs. 5.47 - 6.50
works ..... 280 lbs. 4.45 - —
M, bbls., spot..... 280 lbs. 5.57 - 6.60
works ..... 280 lbs. 4.55 - —
N, bbls., spot..... 280 lbs. 5.87 - 6.90
works ..... 280 lbs. 4.86 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines.. ton. 35.00 - —
l.c.l., ex whse..... ton. 50.00 - —
import., lump, bbls..... lb. .12 - —
powd., bbls..... lb. .06¼- .10
Rue, bls..... lb. .21 - .23

S.

Sabadilla seed, powd., bbls.... lb. .21 - .22
Saccharin, cns., 1,000 lbs..... lb. 1.70 - —
smaller lots..... lb. 1.75 - 1.90
Safflower, bls..... lb. .33 - .35
Saffron, Mexican, bls..... lb. .50 - .55
Spanish, tins..... lb. 11.25 -11.50
Safrol, cns..... lb. .57 - —
dms..... lb. .54 - —
Sage leaves, Dalmat., fancy, bls, lb. .07 - .07½
stemless, bls..... lb. .06½- .06¾
Sago flour, bgs..... lb. .02¾- .03¾
Salicin, cns..... lb. 4.00 - 4.25
Salol, kgs..... lb. .90 - .95
Salt, reclaimed, bgs., c.l., dlvd., N. Y.. ton. 13.40 - —
vacuum, common, fine, bgs., c.l., dlvd. N.Y.. ton. 14.03 -14.53
l.c.l., dlvd. N.Y..... ton. 17.00 - —
Saltcake, grd., dom., bbls., works. ton. 19.00 -23.00
bulk, works..... ton. 12.00 -16.00
import, bulk, c.i.f..... ton. 12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, crude (see Potash nitrate).
dbl. refined, cryst., bbls., 25 to c.l..... 100 lbs. 6.99 - 7.65
5-24 ..... 100 lbs. 7.00 - 7.75
1-4 ..... 100 lbs. 7.25 - 8.00
gran., bbls., 25 to c.l. 100 lbs. 5.99 - —
5-24 ..... 100 lbs. 6.00 - —
1-4 ..... 100 lbs. 6.25 - —
powd., bbls., 25 to c.l. 100 lbs. 6.99 - —
5-24 ..... 100 lbs. 7.00 - —
1-4 ..... 100 lbs. 7.25 - —
Santonin, cryst., cns..... lb. 43.00 -45.00
Saponin, cns..... lb. 1.45 - 1.50
Sarsaparilla root, Honduras, bls. lb. .45 - .50
Mexican, bls..... lb. .11 - .12
Sassafras bark, ord., bls..... lb. .11 - .12
select, bls..... lb. .19 - .21
Savory, bls..... lb. .07 - .07¼
Saw palmetto berries, bgs..... lb. .18 - .20
Scammony root, bgs..... lb. .06 - .07
Schaeffer's salt, bgs..... lb. .48 - .50
Seidlitz mixture, bbls..... lb. .11¼- —
kegs ..... lb. .11¾- —
Senega root, bls..... lb. .35 - .36
Senna leaves, Alexandria, bls. lb. .09 - .15
Tinnevelly, No. 1, bls..... lb. .11 - .12
2, bls..... lb. .07½- .08
3, bls..... lb. .05½- .06
powd., bbls., bxs..... lb. .09 - .10
siftings, bls..... lb. .09 - .10
Pods, bls..... lb. .06 - .07
Serpentaria root, bls..... lb. .45 - .46
Shellac, bleached, bonedry, bbls., f.o.b. N.Y.. lb. .19 - .20
dlvd. Boston..... lb. .19½- .20½
Chicago ..... lb. .20 - .21
Pacific Coast..... lb. .22 - .23
refd., bbls., f.o.b. N.Y..... lb. .27 - —
dlvd. Boston ..... lb. .27½- —
Chicago ..... lb. .28 - —
Pacific Coast..... lb. .30 - —
Garnet, bgs..... lb. .16 - .17

Shellac, Orange—Tripoli

Shellac, orange, D.C., VSO., Diamond, cases..lb. .25 - .26
superfine, bgs., f.o.b. Bost., N.Y..lb. .18½- .16
divd. Chicago.....lb. .16½- .17
Pacific Coast.....lb. .18½- .19
T.N., bgs., f.o.b. Bost., N.Y. lb. .14½- .15
divd. Chicago.....lb. .15½- .16
Pacific Coast.....lb. .17½- .18

Varnish, orange, 5-lb. cut, bbls. lb. .90 - 1.05
4½-lb. cut., bbls.....gal. .85 - 1.00
4-lb. cut, bbls.....gal. .80 - .95
white, 5-lb. cut, bbls.....gal. 1.05 - 1.20
4½-lb. cut, bbls.....gal. 1.00 - 1.15
4-lb. cut bbls.....gal. .95 - 1.10

Silica, amorph., dry-grd., 95-97% 325 mesh, bgs., c.l., works, ton. 20.00 - —
l.c.l., 2½ tons, works, ton. 21.50 - —
smaller lots, works, ton. 23.00 - —
95-97% 400 mesh, bgs., c.l., works..ton. 35.00 - —
l.c.l., 2½ tons, works, ton. 36.50 - —
smaller lots, works, ton. 38.00 - —
wet-grd., 95-97% 325 mesh, bgs., c.l., works, ton. 21.00 - —
l.c.l., 2½ tons, works, ton. 22.50 - —
smaller lots, works, ton. 24.00 - —
96-98% 325 mesh, bgs., c.l., works..ton. 22.00 - —
l.c.l., 2½ tons, works, ton. 23.50 - —
smaller lots, works, ton. 25.00 - —
99% 325 mesh, bgs., c.l., works..ton. 24.00 - —
l.c.l., 2½ tons, works, ton. 25.50 - —
smaller lots, ton. 27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton. 14.00 - —
l.c.l., works.....ton. 17.00 - —

Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .7757- —
Nitrate, vis.....oz. .32¾- .34¾
Nucleinate, cns., 500 ozs....oz. .35 - .36
Proteinate, cns., 500 ozs....oz. .34 - .35
Simarubra bark, bls.....lb. .30 - .32

Skatol, bots.....oz. 4.00 -10.00

Skullcap, Eastern, bls.....lb. .16 - .17
Western, bls.....lb. .14 - .15

Skunk cabbage root, bls.....lb. .11 - .12

Slate flour, bgs., c.l., works, ton. 9.00 - —
l.c.l., works.....ton. 10.00 -15.00

Sloe berries, bgs.....lb. .09½- .10

Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls.....lb. .06½- .07

Snakeroot, Canad., bls.....lb. .24 - .26

Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14

Soda abietate, dms.....lb. .08 - —
Acetate, anhyd., dms.....lb. .09½- .13
flake, 60%, dms.....lb. .04½- .07
Alginate, dms.....lb. .64 - —
Antimoniate, bbls.....lb. .12¾- .13½
Arsenate, dms.....lb. .09½- .11½
Arsenite, liq., dms.....lb. .40 - .75
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
1A .....100 lbs. 2.18 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
5 .....100 lbs. 2.20 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.42 - —
2 .....100 lbs. 2.52 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 2.47 - —
bulk, c.l., works....100 lbs. 1.10 - —
extra light, 58%, bgs., c.l. works..100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
5 .....100 lbs. 2.20 - —
bbls., c.l., works....100 lbs. 1.60 - —
l.c.l., Zone 1.....100 lbs. 2.47 - —
1A .....100 lbs. 2.52 - —
2 .....100 lbs. 2.62 - —
3 .....100 lbs. 2.87 - —
4 .....100 lbs. 3.27 - —
5 .....100 lbs. 2.57 - —
bulk, c.l.....100 lbs. 1.05 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.20 - 1.25
l.c.l., Zone 1.....100 lbs. 2.08 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
5 .....100 lbs. 2.20 - —
bbls., c.l., works..100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.42 - —
2 .....100 lbs. 2.52 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 2.47 - —
bulk, c.l.....100 lbs. 1.05 - —

Soda ash l.c.l. prices are for 5 or more pkgs. of one sort, divd. usual trucking distance of whse., or f.o.b. cars whse. pt.; less than 5 pkgs., add 15c. per 100 lbs.; ex-whse., deduct 10c. per 100 lbs. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky.; Zone 1A, N. E. States (in Me., N.H., Vt., special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane)

Benzoate, USP, kgs.....lb. .46 - .50

Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works. 100 lbs. 1.85 - —
l.c.l., divd. N.Y....100 lbs. 2.55 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., divd. N.Y....100 lbs. 2.80 - —

Bichromate, cakes.....lb. .06½- .07

Bifluoride, bbls.....lb. .11¼- .12

Bisulphate (see Niter cake).

Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 35-40%, cbys., c.l., works..100 lbs. 1.95 - 2.10

Bromide, bbls.....lb. .31 - .33

Cacodylate, jars.....lb. 6.50 - 6.75

Carbonate (see Soda ash, soda monohydrated, soda, sal).

Caustic, flake, 76%, grd., powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works. 100 lbs. 3.00 - —
l.c.l., Zone 1....100 lbs. 4.00 - —
1A .....100 lbs. 4.05 - —
2 .....100 lbs. 4.15 - —
3 .....100 lbs. 4.40 - —
4 .....100 lbs. 4.80 - —
5 .....100 lbs. 4.05 - —

Soda caustic, flake, 76%, grd., powd., electro. process, dms., c.l., works..100 lbs. 2.95 - —
l.c.l., same zone prices as ammon. process.
liquid, 47-49%, buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works.....100 lbs. 2.25 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works.....100 lbs. 2.30 - —
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 2.60 - —
l.c.l., Zone 1....100 lbs. 3.60 - —
1A .....100 lbs. 3.65 - —
2 .....100 lbs. 3.75 - —
3 .....100 lbs. 4.00 - —
4 .....100 lbs. 4.40 - —
5 .....100 lbs. 3.65 - —
electro process, dms., c.l., works..100 lbs. 2.53 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .09
powd., bgs., c.l., works..lb. .06¾- —
l.c.l., works.....lb. .07 - .09½

Citrate, USP VIII, gran., bbls., 225 lbs..lb. .23 - —
cns., 50 lbs.....lb. .25 - —
25 lbs.....lb. .27 - .28
kgs., 100 lbs.....lb. .24 - —

USP X, gran., bbls., 250 lbs. lb. .29½- —
cns., 50 lbs.....lb. .31½- —
25 lbs.....lb. .33½- .34½
kgs., 100 lbs.....lb. .30½- —
powd., bbls., 250 lbs.....lb. .30 - —
cns., 50 lbs.....lb. .32 - —
25 lbs.....lb. .34 - .35
kgs., 100 lbs.....lb. .31 - —

Cyanide, 96-98%, dom., dms..lb. .15½- .17¼
import., cs.....lb. .16¾- .17

Fluoride, white, 90%, bbls., c.l., f.o.b. Phila...lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
95%, bbls., c.l., same basis. lb. .07⅛- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08½- —

Soda fluoride prices at Los Angeles are f.a.s. Phila.

Glycerophosphate, cryst., bbls., cns., 100 lbs..lb. 1.15 - —
solution, 75%, cns.....lb. .90 - —
50%, cns.....lb. .55 - —

Hydrosulphite, bbls.....lb. .18 - .19

Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24

Hypophosphite, cns.....lb. .67 - .72

Hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls.....100 lbs. 2.50 - 3.05
gran., bbls.....100 lbs. 2.75 - 3.30

Iodate, jars.....lb. 5.02 - 5.07

Iodide, jars.....lb. 1.90 - 1.95

Metanilate, kgs.....lb. .41 - .43

Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.90 - —
l.c.l., divd.....100 lbs. 3.80 - 3.95
gran., bbls., c.l., works. 100 lbs. 2.30 - —
l.c.l. divd.....100 lbs. 2.75 - 3.00

Molybdate, tech., anhyd., kgs., lb. .75 - .80
cryst., kgs.....lb. .65 - .70

Monohydrated, bbls.....100 lbs. 2.60 - —
works.....100 lbs. 2.30 - —

Naphthenate, bbls.....lb. .09 - —

Naphthionate, bbls.....lb. .52 - .54

Nitrate, crude, 100 lb.-bgs. June dlvy, fert. mfrs. indust. buyers, ports..ton. 26.50 - —
200 lb.-bgs., same basis. ton. 25.50 - —
bulk, same basis.....ton. 24.50 - —
rfd., gran., bbls.....100 lbs. 2.25 - —
powd., bbls.....lb. .05¾- —

Nitrite, 96-98%, dom., bbls., c.l. lb. .0710-.0735
l.c.l.....lb. .0685-.1175

Oxalate, neut., bbls., kgs....lb. .09 - .11

Perborate, NF, bbls.....lb. .17 - .18

Phosphate, dibasic, tech., bgs., c.l., E. works..100 lbs. 1.90 - —
l.c.l., E. works..100 lbs. 2.15 - —
bbls. c.l., E. works..... 100 lbs. 2.10 - —
l.c.l., E. works..100 lbs. 2.35 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l.....100 lbs. 8.35 - —
Tribasic, bgs. c.l. divd. E.... 100 lbs. 2.00 - —
l.c.l., 3,500 lbs. or over, 100 lbs. 2.40 - —
less than 3,500 lbs..... 100 lbs. 2.80 - —
bbls., c.l. divd E....100 lbs. 2.20 - —
l.c.l., 3,500 lbs. or over.. 100 lbs. 2.60 - —
less than 3,500 lbs..... 100 lbs. 3.00 - —
kgs. c.l. divd E.....100 lbs. 2.70 - —
l.c.l., 3,500 lbs. or over... 100 lbs. 3.10 - —
less than 3,500 lbs..... 100 lbs. 3.50 - —

Soda phosphate, tribasic, prices in West are 15c. to 25c. per 100 lbs. higher, depending on location.

Picramate, kgs.....lb. .67 - .69

Prussiate, yellow, dom., bbls., works, contracts..lb. .11¾- —
prompt shipmt.....lb. .12 - .13
import, cks., contracts....lb. .11¼- —
prompt shipmt., cks...lb. .12 - —
Pyrophosphate, anhyd., bbls..lb. .10 - —
cryst., bbls.....lb. .09¼- —
Sal, bgs. divd. N.Y.....100 lbs. 1.20 - —
works.....100 lbs. 1.00 - —
bbls., divd. N.Y.....100 lbs. 1.30 - —
works.....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works... 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works. 100 lbs. 1.35 - —
l.c.l., 5 or more, works... 100 lbs. 1.60 - —
1-4 works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls.....lb. .06½- .06¾
import., bbls.....lb. .06¾- .06¾
Stannate, dms.....lb. .29 - .32
Stearate, lump, bbls., works. lb. .20 - —
powd., bbls., works.....lb. .22 - —
Sulphate, anhyd., bgs., 5 tons or over, divd. Bost., N.Y., Phila. areas, or f.o.b. Bost., Jersey City, N.Y., Norfolk, Phila., or frt. equald. 100 lbs. 1.15 - —
less than 5 tons, same basis..100 lbs. 1.40 - —
bbls., 5 tons or over, same basis..100 lbs. 1.30 - —
less than 5 tons, same basis..100 lbs. 1.55 - —

cryst. (see Glauber's salt).

Soda sulphide, cryst., bbls., c.l., sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, divd. 100 lbs. 2.75 - —
less than 5 tons, divd.. 100 lbs. 3.00 - —
flake, chips, broken, bbls., c.l. works..100 lbs. 3.50 - —
l.c.l., 5 tons or over, divd. 100 lbs. 4.00 - —
less than 5 tons, divd... 100 lbs. 4.25 - —
solid, bbls., c.l., works. 100 lbs. 3.00 - —
l.c.l., 5 tons or over, divd. 100 lbs. 3.50 - —
less than 5 tons, divd... 100 lbs. 3.75 - —

Sulphite, cryst., bgs....100 lbs. 2.10 - 2.25
bbls.....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —

Sulphocarbolate, cs.....lb. .27 - .28

Sulphocyanide, dms., cns....lb. .28 - .47

Sulphoricinoleate, bbls.....lb. .12 - —

Tungstate, CP, kgs.....lb. 1.30 - 1.40
tech., kgs.....lb. .85 - .90

Solvent naphtha, high-flash, dms., works, frt. equald..gal. .36 - —
tanks, same basis.....gal. .31 - —
Water-white, dms., works. gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —

Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .25 - —

Sparteine sulphate, cns.....oz. 1.10 - 1.15

Spearmint leaves, bls.....lb. .23 - .25

Spikenard root, bls.....lb. .08 - .09

Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01¾- —

Squawvine leaves, bls.....lb. .14 - .15

Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07½- .08
powd., bbls., bxs.....lb. .15 - .16

St. Ignatius beans, bgs.....lb. .45 - .50

St. John's bread, bls.....lb. .06 Nom.

Starch, corn, pearl, bgs...100 lbs. 3.19 - 3.30
powd., bgs.....100 lbs. 3.20 - 3.40
Iodide, bots.....lb. 1.87 - 1.92
Potato, dom., bgs.....lb. .04¼- .05½
import, bgs.....lb. .05¾- .06
Rice, bbls.....lb. .07¼ Nom.
Wheat, bgs.....lb. .03¾- .03¾

Stavesacre seed, bgs.....lb. .35 - .40

Stearin, oleo, bbls.....lb. .07 - .07¼

Stillingia root, bls.....lb. .07 - .08

Stoneroot, bls.....lb. .06½- .07

Storax, cs.....lb. .25 - .26

Stramonium leaves, bls.....lb. .07 - .08
Seed, bgs.....lb. .09 - .10

Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., works, bbls...lb. .03¾- .09¾
import., cks.....lb. .09¼- .10¼

Strophanthus seed, Kombe, bgs. lb. 1.45 - 1.50

Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .76 - —
Arsenate, cns.....oz. .70 - —
Arsenite, cns.....oz. .76 - —
Glycerophosphate, cns.....oz. .76 - —
Hydrochloride, cns.....oz. .76 - —
Hypophosphite, cns.....oz. .86 - —
Nitrate, cns.....oz. .71 - —
Phosphate, cryst., cns.....oz. .76 - —
Sulphate, cryst., cns.....oz. .40 - .45
powd., cns.....oz. .30 - .35

Sucrose octa-acetate, denat. grade, bbls., l.c.l., works. lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —

Sugar coloring, bbls.....gal. .60 - .66

Milk, bbls., c.l.....lb. .13 - —
l.c.l., 10 or over.....lb. .15 - —
less than 10.....lb. .16 - .17

Sulphonethylmethane, kgs.....lb. 6.75 - 6.80

Sulphonmethane, kgs.....lb. 5.25 - 5.30

Sulphur, crude, bulk, 1,000 tons, mines, contracts. long ton. 18.00 - —
less than 1,000 tons, mines. contracts..long ton. 20.00 - —
c.l., spot, nearby. long ton. 21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports. long ton. 22.00 -25.00
Bost., Portland..long ton. 22.50 -25.50
flowers, bgs.....100 lbs. 3.00 - 3.75
bbls.....100 lbs. 3.35 - 4.10
rfd., broken, bgs.....100 lbs. 2.15 - 2.90
bbls.....100 lbs. 2.30 - 5.05
flour, com'l, bgs.....100 lbs. 1.60 - 2.35
bbls.....100 lbs. 1.95 - 2.70
rfd., ext. fine, bbls..100 lbs. 3.20 - 3.95
heavy, bgs.....100 lbs. 2.55 - 3.30
bbls.....100 lbs. 2.90 - 3.65
light, bgs.....100 lbs. 2.65 - 3.40
bbls.....100 lbs. 3.00 - 3.75
roll, bgs.....100 lbs. 2.35 - 3.10
bbls.....100 lbs. 2.50 - 3.25

Sulphur chloride, dms., works. lb. .03½- .04
tanks, works.....lb. .03 - .04

Dioxide, liq., com'l, cyls., wks. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works. lb. .11 - .15
multi-unit cars, works..lb. .07½- .10

Iodide, bots., jars.....lb. 3.80 - 3.83

Sumac, Sicilian, grd., bgs....ton. 52.00 Nom.
Extract, 42°, bbls.....lb. .04½- .06½
51°, bbls.....lb. .06½- .08½
Stainless, bbls.....lb. .08¼- .09¼

Leaf, Sicilian, bls.....ton. 57.00 Nom.

Sunflower seed, Calif., large, bgs. lb. .07 - .07½
medium, bgs.....lb. .06½- .07
poultry, bgs.....lb. .05 - .05½

Superphosphate, guaranteed 16% bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 44-45% a.p.a., bulk, f.o.b. Balto..unit-ton. .75 - —

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Talc, dom., Calif., 1, bgs., c.l., mills..ton. 20.00 - —
2, bgs., c.l., mills.....ton. 17.00 - —
N.Y., fibrous 93-94% 325 mesh, bgs., c.l., mills. ton. 13.00 - —
l.c.l., mills.....ton. 15.00 - —
96-98% 325 mesh, bgs., c.l., mills..ton. 14.00 - —
l.c.l., mills.....ton. 16.00 - —
coarse, off color, bgs., c.l., mills..ton. 10.00 - —
Ohio, alum-magn. type, grd. bgs., c.l., mills..ton. 21.00 - —
l.c.l., mills.....ton. 24.50 - —
Vermont, bgs., c.l., mills. ton. 14.00 - —
l.c.l., ex whse.....ton. 25.00 - —

Talc, import, Canad., bgs., c.l., dlvd., ton. 28.00 - —
l.c.l., divd.....ton. 28.50 - —
French, high-grade, bgs., l.c.l., ex whse..ton. 45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton. 23.00 -25.00
l.c.l., ex whse.....ton. 27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton. 75.00 -77.00
ex whse.....ton. 85.00 - —
2, bgs., ex dock, arrival. ton. 70.00 -72.00
ex whse.....ton. 75.00 - —

Tallow, animal edible, bbls....lb. .06¾ Nom.
extra, loose, works.....lb. .04¾- .05
special, loose, works.....lb. .04¾- .04⅞
sulphonated, 25% (24% fat), dms., c.l..lb. .06 - —
l.c.l.....lb. .06½- —
50% (43% fat), dms., c.l..lb. .06½- —
l.c.l.....lb. .07 - —
50% (48% fat), dms., c.l..lb. .07 - —
l.c.l.....lb. .07½- —

Tamarinds, W. I., bbls.....lb. .06 - .07
kegs.....keg 4.00 - 5.00

Tankage, animal, dom., grd., 10-15%, bulk....unit-ton. 2.60 & .10
ungr., 10-15% bulk, unit-ton. 2.45 & .10
fertilizer grade, 11-15%, bulk, Chicago..unit-ton. 2.40 & .10
high-grade, feeding, 11-12%, bulk, Chicago..unit-ton. 2.75&.10
import., S. Amer., bulk, c.i.f. ports, June shipt..unit-ton. 2.90 & .10

Tansy leaves, bls.....lb. .18 - .20

Tapioca flour, bgs.....lb. .03½- .05½

Tar, pine, retort, bbls., divd. ports gal. .26 - —
dms., c.l., divd. E. cities. gal. .26 - —
divd. ports.....gal. .25 - —
tanks, divd. E. cities...gal. .20 - —

Tar acid oil, 15%, dms.....gal. .22½- .23½
25%, dms.....gal. .24½- .25½

Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
powd., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
USP, powd., bbls.....lb. .30 - .80½
Terebene, cns.....lb. .70 - .75

Terpenyl acetate, cns.....lb. .85 - 1.00

Terpin hydrate, kgs.....lb. .45 - .46

Terpineol, CP, cns.....lb. .26 - —
dms.....lb. .23 - —

Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts.....lb. .13¾- —
tanks.....lb. .14 - —
contracts.....lb. .13 - —

Terra alba (see Gypsum).

Tetrachloroethane, dms., works. lb. .09 - .09½

Tetrachloroethylene, CP, dms. lb. .25 - .28
tech., dms.....lb. .10 - .10½

Tetralin, dms.....lb. .12 - —

Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75

Thiocarbanilide, dms.....lb. .20 - —

Thorium nitrate, cs., works...lb. 2.20 - —

Thyme, French, bls.....lb. .11 - .12

Thymol, bots., 100 lbs.....lb. 1.55 - —
smaller lots.....lb. 1.60 - 1.65
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30

Tin, crystals, bbls., kgs.....lb. .34 - .34½
Metal, Straits.....lb. .42½- —
Oxide, bbls.....lb. .48 - .50
Tetrachloride, anhyd., bbls...lb. .21¾- —

Titanium dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .17 - —
Pac. cst., f.o.b. terminal. lb. .17 - —
l.c.l., 5 tons, E., divd....lb. .17½- —
Pac. cst., ex whse.....lb. .17½- —
1 ton, E., divd.....lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
300 lbs., E., divd.....lb. .16½- —
Pac. cst., ex whse....lb. .18½- —
bbls., c.l. (20 tons), E., frt. alld..lb. .17¼- —
l.c.l., 5 tons, E., divd....lb. .17¾- —
1 ton, E., divd.....lb. .16¼- —
300 lbs., E., divd.....lb. .16¾- —

Pigment, barium base, bgs., c.l. (20 tons), E., frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., divd...lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
400 lbs., E., divd.....lb. .06¼- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., divd...lb. .06¼- —
400 lbs., E., divd.....lb. .06½- —
calcium base, c.l. (20 tons), E. frt. alld..lb. .06 - —
Pac. cst., f.o.b. terminal. lb. .06 - —
l.c.l., 5 tons, E., divd...lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
smaller lots, Pac. cst., ex whse..lb. .06¼- —
400 lbs., E., divd.....lb. .06¼- —
bbls., c.l. (20 tons), E., frt. alld..lb. .06¼- —
l.c.l., 5 tons, E., divd...lb. .06¼- —
400 lbs., E., divd.....lb. .06½- —

Tolidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00

Tolu balsam, cns.....lb. .50 - .55

Toluidin, mixed, dms.....lb. .27 - .28

Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —

Tonga vine, NF, bls.....lb. .35 - .40

Tonka beans, Angostura, cks..lb. 2.50 - 2.60

Triacetin, dms.....lb. .36 - —

Triamylamine, dms., l.c.l., works. lb. 1.25 - —

Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —

Tricresyl phosphate, CP, cns., divd..lb. .44½- —
dms., c.l., divd.....lb. .30½- —
500 lbs., divd.....lb. .34½- —
tech., l. cns., divd.....lb. .23 - —
dms., c.l., divd.....lb. .21 - —
500 lbs., divd.....lb. .23 - —
2, cns., divd.....lb. .21 - —
dms., c.l., divd.....lb. .19 - —
500 lbs., divd.....lb. .21 - —

Triethanolamine, dms., works. lb. .26 - .30

Triphenyl phosphate, dms.....lb. .37 - .39

Triphenylguanidin, dms.....lb. .58 - .60

Tripoli, air-floated, bgs., c.l., works..ton. 27.50 - —
l.c.l., ex whse. N.Y.....ton. 40.00 - —
1 ton, works.....ton. 30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs., c.l., works. ton. 18.00 - —
l.c.l., 1 ton, works.....ton. 22.50 - —
1 bg., works.....bag. 2.50 - —
once-grd., bgs., c.l., works. ton. 16.00 - —
l.c.l., 1 ton, works.....ton. 20.00 - —
1 bg., works.....bag. 2.00 - —

Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal powd., 98%, dms. lb. 1.80 - 1.90
Oxide, CP, kgs. lb. 2.65 - 2.75
tech., kgs. lb. 1.65 - 1.75
Turmeric root, Alleppy, bgs. lb. .06½- .07
Madras, bgs. lb. .06 - .06½
Turpentine, spirits, gum, bbls., c.l., ex dock gal. .40¾- —
l.c.l., 10, ex dock gal. .42¾- —
5, ex dock gal. .44¾- —
wood, dest.-dist., dms., c.l., dlvd. E. ports gal. .36 - —
l.c.l., same basis gal. .38 - —
tanks, dlvd. E. cities gal. .31 - —
steam-dist., dms., c.l., dlvd. gal. .40 - —
l.c.l., dlvd. gal. .43 - —
tanks, dlvd. gal. .35 - —

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Unicorn root, false (see Helonias root). True (see Aletris root).
Uranium oxide, kgs. lb. 1.80 - —
Urea, dom., 46 + % N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va. ton. 95.00 - —
10 to 19 tons, same basis. ton. 100.00- —
1 to 9 tons, same basis. ton. 110.00- —
100 to 1,900 lbs., same basis. 100 lbs. 6.00 - —
import, 46% N, bgs., 20 tons, f.o.b. Atl. ports, shipt. ton. 95.00 - —
10 to 19 tons, same basis. ton. 100.00- —
1 to 9 tons, same basis ton. 110.00- —
100 to 1,900 lbs., same basis. 100 lbs. 6.00 - —
pure, cs. lb. .14½- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. ports, unit-ton. .96 - —
Uva ursi leaves, bls. lb. .06 - .07

V

Valerian root, USP, bls. .10 - .11
Valonia, beards, bgs., shipt. ton. 64.50 - —
Cups, bgs., shipt. ton. No price
Vanilla beans, Bourbon, tins. lb. 3.00 - 3.25
Mexican, tins. lb. 3.00 - 4.00
cut, tins. lb. 2.75 - 3.00
South American, tins. lb. 2.75 - 3.00
Vanillin, ex eugenol, tins, 100 lbs. lb. 3.75 - —
less than 100 lbs. lb. 3.85 - 4.35
ex guaiacol, tins, 100 lbs. lb. 3.65 - —
less than 100 lbs. lb. 3.75 - 4.25
Venice turpentine, true, cs. lb. .47 - .48
Verdigris, kgs., lots of 5. lb. .20 - —
less than 5. lb. .21 - —
Violet, methyl, toner (see M).
V.M.P., naphthas (see petroleum naphtha, v.m.p.).

W

Wahoo bark, root, bls. lb. .46 - .47
Tree, bls. lb. .19 - .20
Wattle bark, bgs., shipt. ton. 27.00 -29.00
Extract, 60°, bbls. lb. .03¾- —
Wax, bayberry, import., bgs. lb. .17½- .20
Bees, white, bleach., slabs., cs. 500 lbs. lb. .36 - .38
yellow, crude, Africa, bgs., lots of 10. lb. .25 - .26
1 bg. lb. .25½- .26½
Brazil, Chile, bgs., 5-10 tons. lb. .26 - .26½
1 ton. lb. .26½- .27
500 lbs. lb. .27 - .27½
100 lbs. lb. .27½- .28
refd., slabs, cs., 500 lbs. lb. .28 - .30
Candelilla, bgs., 1 ton. lb. .15½- .16
jobbing lots. lb. .16 - .16½
Carnauba, chalky 3, bgs., 1 ton. lb. .34 - .34½
5 bgs. lb. .34½- .35
1 bg. lb. .35 - .35½
N. C. 2, bgs. lb. .36 - .37
N. C. 3, bgs., 1 ton. lb. .34 - .34½
5 bgs. lb. .34½- .35
1 bg. lb. .35½- .36
refd., bgs. lb. .38 - .39
yellow, 1, bgs., 1 ton. lb. .43½- .44
5 bgs. lb. .44 - .44½
1 bg. lb. .44½- .45
yellow 2, bgs. lb. .42 - .43
Ceresin, dom., 138°-140° m.p. bgs, 1 ton. lb. .08 - —
jobbing lots. lb. .09 - —
150°-160° m.p. bgs., 1 ton. lb. .09 - —
jobbing lots. lb. .10 - —
160°- m.p. bgs., 1 ton. lb. .10 - —
jobbing lots. lb. .11 - —
import., pure, snow-white, 176° m.p. bgs., 1 ton. lb. .43 - —
1,000 lbs. lb. .44 - —
500 lbs. lb. .45 - —
156° m.p., bgs., 1 ton. lb. .44 - —
1,000 lbs. lb. .45 - —
500 lbs. lb. .46 - —
yellow, natural, 176° m.p. bgs., 1 ton. lb. .36 - —
1,000 lbs. lb. .37 - —
500 lbs. lb. .38 - —
Japan, cs. lb. .08¼- .08¾
Montan, bgs., c.l. lb. .10¾- .11¼
5 tons. lb. .11 - .11¼
less than 1 ton. lb. .11¼- .11¾
Ozokerite, hard green, congeal p. 66°-68° C., bgs. lb. .32 Nom.
70°-72° C., bgs. lb. .35 Nom.
74°-76° C., bgs. lb. .38 Nom.
Paraffin (see P).
Spermaceti, blocks, cs. lb. .22 - .24
cakes, cs. lb. .23 - .25
White lead (see Lead, white).
White pine bark, rossed, bls. lb. .05 - .06
White precipitate, bbls., bxs., fib. dms. lb. 1.46 - —
Whiting, chalk, coml., dry-grd., bip. bgs., c.l., works. ton. 12.00 - —
l.c.l., works. ton. 14.00 - —
bbls., c.l., works. ton. 15.00 -16.50
l.c.l., works. ton. 17.00 - —
pap. bgs., c.l., works. ton. 11.20 -13.50
l.c.l., works. ton. 13.20 -14.50
wet-grd., bgs., c.l., works. ton. 14.50 -15.00
l.c.l., works. ton. 15.00 -19.00
bbls., c.l., works. ton. 17.00 -18.00
l.c.l., works. ton. 18.50 -20.00
glider's, bolted, bip. bgs., c.l., works. ton. 15.00 - —
l.c.l., works. ton. 16.00 - —
bbls., c.l., works. ton. 18.00 -19.50
l.c.l., works. ton. 19.00 -20.00
pap., bgs., c.l., works. ton. 14.60 -15.50
l.c.l., works. ton. 15.60 -16.50
extra bolted, bip. bgs., c.l., works. ton. 15.00 - —
l.c.l., works. ton. 16.00 - —
bbls., c.l., works. ton. 18.00 -22.50
l.c.l., works. ton. 19.00 -22.00
pap. bgs., c.l., works. ton. 14.60 -17.50
l.c.l., works. ton. 15.60 -18.50
Whiting, chalk, Paris white, blp. bgs., c.l., works. ton. 15.00 - —
works. ton. 15.00 - —
l.c.l., works. ton. 16.00 - —
bbls., c.l., works. ton. 18.00 -24.00
l.c.l., works. ton. 19.00 -25.00
pap. bgs., c.l., works. ton. 14.60 -20.00
l.c.l., works. ton. 15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75% 300 mesh, bgs. (extra), c.l., frt. alld. to $2 per ton. ton. 10.00 - —
99.75% 200 mesh, bgs., c.l., same basis. ton. 9.00 - —
95-98% 200 mesh, c.l., same basis. ton. 7.50 - —
40-93% 200 mesh, c.l., same basis. ton. 6.50 - —
gilders, bgs. (extra), c.l., works. ton. 11.50 - —
l.c.l., 8-20 tons, works. ton. 12.50 - —
4-8 tons, works. ton. 13.50 - —
2-4 tons, works. ton. 14.50 - —
extra, bgs. (extra), c.l., works. ton. 12.50 - —
l.c.l., 8-20 tons, works. ton. 13.50 - —
4-8 tons, works. ton. 14.50 - —
2-4 tons, works. ton. 15.50 - —
putty grade, bgs. (extra), c.l., works. ton. 11.00 - —
l.c.l., 8-20 tons, works. ton. 12.00 - —
4-8 tons, works. ton. 13.00 - —
2-4 tons, works. ton. 14.00 - —
water-floated, bgs. (extra), c.l., works. ton. 11.50 - —
l.c.l., 8-20 tons, works. ton. 12.50 - —
4-8 tons, works. ton. 13.50 - —
2-4 tons, works. ton. 14.50 - —
precipitated, bgs., c.l., works. ton. 15.00 - —
l.c.l., 5 tons, works. ton. 20.00 - —
smaller lots, works. ton. 25.00 - —
Wild cherry bark, thick, natural, bls. lb. .04½- .05
rossed, bls. lb. .06½- .07
thin, natural, bls. lb. .05 - .05½
rossed, green, bls. lb. .08 - .08½
Wild indigo root, bgs. lb. .09 - .10
Witch-hazel extract, dist., NF, bbls. gal. .55 - .65
Leaves, bls. lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., c.l., works. ton. 24.00 -30.00
standard, bgs., c.l., works. ton. 18.00 -24.00
import, 40-70 mesh, bgs., ex dock. ton. 20.00 - —
80-100 mesh, bgs., ex dock. ton. 25.50 - —
120 mesh, bgs., ex dock. ton. 31.00 - —
Wormseed, American, bgs. lb. .06 - .07
Levant, bgs. lb. 3.90 - 4.00
Wormwood, bls. lb. .09 - .10

X

Xylol (xylene), coml., dms., works. gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works. gal. .30 - —
nitration, dms., works. gal. .46 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works. gal. .41 - —
5°, dms., works. gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works. gal. .36 - —
10°, dms., works. gal. .38 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. of maha, works. gal. .33 - —
Xylidin, mixed, dms. lb. .36 - .37

Y

Yara yara, cryst., cns. lb. 1.25 - 1.35
Yellow, cadmium, CP, import., bxs. lb. 2.50 - —
Lithopone, all shades, bbls., 1 ton, works, frt. alld. lb. .40 - —
smaller lots, same basis. lb. .45 - —
kgs., same basis. lb. .50 - —
Sulphide, orange, bbls., works. lb. 1.00 - 1.10
Yellow, bbls., works. lb. .90 - —
Chrome CP, bbls., dlvd. N of Tenn. and N.C., E. of Miss. R, including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts. lb. .11 - —
open order. lb. .12 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Dutch pink, bbls. lb. .08 - .10
Mercury oxide (see M).
Ocher, American, golden, A, bbls., works. lb. .06¼- —
B, bbls., works. lb. .04½- —
C, bbls., works. lb. .03½- —
yellow, A, bbls., works. lb. .02¾- —
B, bbls., works. lb. .02½- —
C, bbls., works. lb. .02 - —
D, bbls., works. lb. .0195- —
E, bbls., works. lb. .01775- —
F, bbls., works. lb. .01½- —
G, bbls., works. lb. .01¾- —
H, bbls., works. lb. .01¼- —
French, light shades, cks., c.l., ex car L. Angeles. lb. .03775- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional). lb. .03½- —
Port., S. Francisco, S. Pedro, Seattle. lb. .0365- —
ex whse. L. Angeles, Port., S. Francisco, Seattle. lb. .039 - —
f.o.b. N.Y. lb. .03 - —
l.c.l., dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional), from dock. lb. .06¼- —
from whse. lb. .03½- —
ex car L. Angeles. lb. .03925- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional. lb. .03¾- —
N. Y. lb. .03½- —
Port., S. Francisco, S. Pedro, Seattle. lb. .033 - —
Yellow, ocher, French, light shades, cks., l.c.l., ex whse. Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional). lb. .03¾- —
Chi., E. St. Louis, Indipolis., K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional). lb. .04 - —
L. Angeles, Port., S. Francisco, Seattle. lb. .0405- —
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional. lb. .04¼- —
N. Y. lb. .03¾- —
Ptsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional). lb. .03¾- —
f.o.b. Bethlehem, Easton. lb. .03½- —
N.Y., from dock. lb. .03¾- —
from whse. lb. .03½- —
other shades, cks., c.l. ex car L. Angeles. lb. .03475- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional. lb. .02¾- —
Port., S. Francisco, S. Pedro, Seattle. lb. .0335- —
ex whse. L. Angeles, Port., S. Francisco, Seattle. lb. .036 - —
f.o.b. N.Y. lb. .02¾- —
l.c.l., dlvd. Brook., Hoboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional). lb. .03 - —
from whse. lb. .03½- —
ex car L. Angeles. lb. .03625- —
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional). lb. .03 - —
N. Y. lb. .02¾- —
Port., S. Francisco, S. Pedro, Seattle. lb. .035 - —
ex whse. Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional). lb. .03½- —
ex whse., Chi, E. St. Louis, Indipolis, K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional). lb. .03¾- —
L. Angeles, Port., S. Francisco, Seattle. lb. .0375- —
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional). lb. .03¾- —
ex whse. N. Y. lb. .03½- —
Ptsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional). lb. .03¾- —
f.o.b. Bethlehem, Easton. lb. .03½- —
N. Y., from dock. lb. .03 - —
from whse. lb. .03¼- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y. lb. .04½- —
Bethlehem, Easton, N.Y. lb. .04½- —
l.c.l., same basis. lb. .04¾- —
synth., bbls., c.l., works. lb. .06¾- —
l.c.l., works. lb. .07 - .07½
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts. lb. .18 - —
open order. lb. .19 - —
Yellow dock root, bls. lb. .09 - .11
Yellow root (xanthoriza), bls. lb. .09 - .10
Yerba santa leaves, bls. lb. .08 - .09
Yohimbine hydrochloride, vls. oz. 2.50 - 2.55

Z

Zinc, arsenite, bgs., cs., c.l., consumers. lb. .09⅝- .12⅝
dealers. lb. .09¾- .12¾
jobbers, E. of Rockies. lb. .09½- .11½
l.c.l., consumers, 5,000 lbs. or over. lb. .10½- .12½
1,000-5,000 lbs. lb. .11 - .14
less than 1,000 lbs. lb. .11½- .14½
dealers, 5,000 lbs. or over. lb. .10½- .13¼
1,000-5,000 lbs. lb. .10½- .13½
less than 1,000 lbs. lb. .11 - .14
jobbers, E. of Rockies. lb. .10 - .12
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls. lb. .09 - .10½
USP, precip., powd., bbls. lb. .31 - .32
Chloride, fused, dms., works. lb. .04½- .05¾
gran., dms., works. lb. .05 - .05¾
solution, dms., works. lb. .04½- —
tanks, works. lb. .03 - —
Cyanide, bbls., works. lb. .36 - .38
Dust, bbls., c.l., dlvd. lb. .0690- —
l.c.l., 10,000 lbs. or over, dlvd. lb. .0765- —
less than 10,000 lbs., dlvd. lb. .0815- —
Fluoride, bbls. lb. .30 - .35
Iodide, bots., jars. lb. 4.00 - 4.05
Metal (see daily quotations in market report).
Oxide, pigment, dom., Amer. process, coml., lead-free, bgs., c.l., dlvd. lb. .05 - —
l.c.l., dlvd. except Pac. cst. lb. .05¼- —
ex whse., Pac. cst. lb. .05¼- —
bbls., c.l., dlvd. except Pac. cst. lb. .05¼- —
ex-whse., Pac. cst. lb. .05½- —
leaded, 5%, 35%, 50%, bgs., c.l., dlvd. lb. .04½- —
l.c.l., dlvd., except Pac. cst. lb. .05½- —
ex whse., Pac. cst. lb. .05½- —
bbls., c.l., dlvd. lb. .05½- —
l.c.l., dlvd., except Pac. cst. lb. .05¾- —
ex-whse., Pac. cst. lb. .05¾- —
French process, coml., lead-free, bgs., c.l., dlvd. lb. .05 - —
l.c.l., dlvd. except Pac. cst. lb. .05¼- —
ex whse., Pac. cst. lb. .05¼- —
bbls., c.l., dlvd. lb. .05¼- —
l.c.l., dlvd., except Pac. cst. lb. .05¾- —
ex-whse., Pac. cst. lb. .05½- —
green seal, bgs., c.l., dlvd. lb. .06 - —
l.c.l., dlvd. except Pac. cst. lb. .06¼- —
ex whse., Pac. cst. lb. .06¼- —
bbls., c.l., dlvd. lb. .06¼- —
l.c.l., dlvd., except Pac. cst. lb. .06¾- —
ex-whse., Pac. cst. lb. .06½- —

Trisodium Phos.—Zirconium

Zinc, oxide, pigment, dom., French process, red seal, bgs., c.l., dlvd. lb. .05½- —
l.c.l., dlvd. except Pac. cst. lb. .05¾- —
ex whse., Pac. cst. lb. .05¾- —
bbls., c.l., dlvd. lb. .05¾- —
l.c.l., dlvd., except Pac. cst. lb. .06 - —
ex-whse., Pac. cst. lb. .06 - —
white seal, bgs., c.l., dlvd. lb. .06½- —
l.c.l., dlvd. except Pac. cst. lb. .06¾- —
ex whse., Pac. cst. lb. .06¾- —
bbls., c.l., dlvd. lb. .06¾- —
l.c.l., dlvd., except Pac. cst. lb. .07 - —
ex-whse., Pac. cst. lb. .07 - —
import., gold seal, csk., ex dock. lb. .10⅞- .11⅛
green seal, bbls., 1-15 tons, ex dock. lb. .07½- .09⅝
ex whse. lb. .07⅝- .09⅞
red seal, bbls., 1-15 tons, ex dock. lb. .08⅛- —
ex whse. lb. .09 - —
white seal, cks., lots of 3, ex dock. lb. .09¾- —
ex whse. lb. .10 - —
smaller lots, ex dock lb. .10 - —
ex whse. lb. .10¼- —
USP, bbls., c.l. lb. .08 - —
l.c.l. lb. .08¼- —
Palmitate, bbls. lb. .22 - .28
Resinate, fused, pale, bbls. lb. .09 - .10
precip., dms., dlvd. lb. .15 - —
Stearate, tech., precip., bbls., otns., c.l. lb. .19 - —
l.c.l., 1 ton. lb. .20 - —
1,000-2,000 lbs. lb. .21 - —
less than 1,000 lbs. lb. .22 - —
USP, bbls. lb. .20 - .28
Sulphate, cryst., bgs., c.l. 100 lbs. 2.65 - —
l.c.l. 100 lbs. 3.15 - —
bbls., c.l. 100 lbs. 2.80 - —
l.c.l. 100 lbs. 3.30 - —
flake, bgs., c.l. 100 lbs. 3.05 - —
l.c.l. 100 lbs. 3.55 - —
bbls., c.l. 100 lbs. 3.20 - —
l.c.l. 100 lbs. 3.70 - —
powd., bgs., c.l. 100 lbs. 4.35 - —
l.c.l. 100 lbs. 4.85 - —
bbls., c.l. 100 lbs. 4.50 - —
l.c.l. 100 lbs. 5.00 - —
Sulphide, bgs., c.l. (20 tons), dlvd. lb. .10½- —
l.c.l., 5 tons, dlvd. E. or ex whse., Pac. cst. lb. .11 - —
1 ton, same basis. lb. .11¼- —
smaller lots, same basis. lb. .11½- —
bbls., c.l. (20 tons), dlvd. lb. .10¾- —
l.c.l., 5 tons, dlvd. E. or ex-whse. Pac. cst. lb. .11¼- —
1 ton, same basis. lb. .11½- —
smaller lots, same basis. lb. .11¾- —
Sulphocarbolate, NF, bbls. lb. .24 - .26
Zinc-ammonia chloride, cks. lb. .0463- .05
Zinc-iron oxide pigment, bgs., c.l., dlvd. lb. .03¾- —
l.c.l., dlvd. except Pac. cst. lb. .04¼- —
ex whse., Pac. cst. lb. .04¼- —
Zirconium nitrate, kgs., works. lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd., bbls., works. ton. 75.00 -100.00
kgs., small lots, works. lb. .04¾- .04¼
white, 99%, grd., kgs., works. lb. 1.40 - 1.50

Synthetic Resins and other Branded Paint Materials (Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the June 1 issue; the next printing will be in the July 6 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials market, which begins on page 37.

Trade News Briefs

National Refining Company has started work on a $200,000 still at its plant in Findlay, O., and expects to have it completed by October.

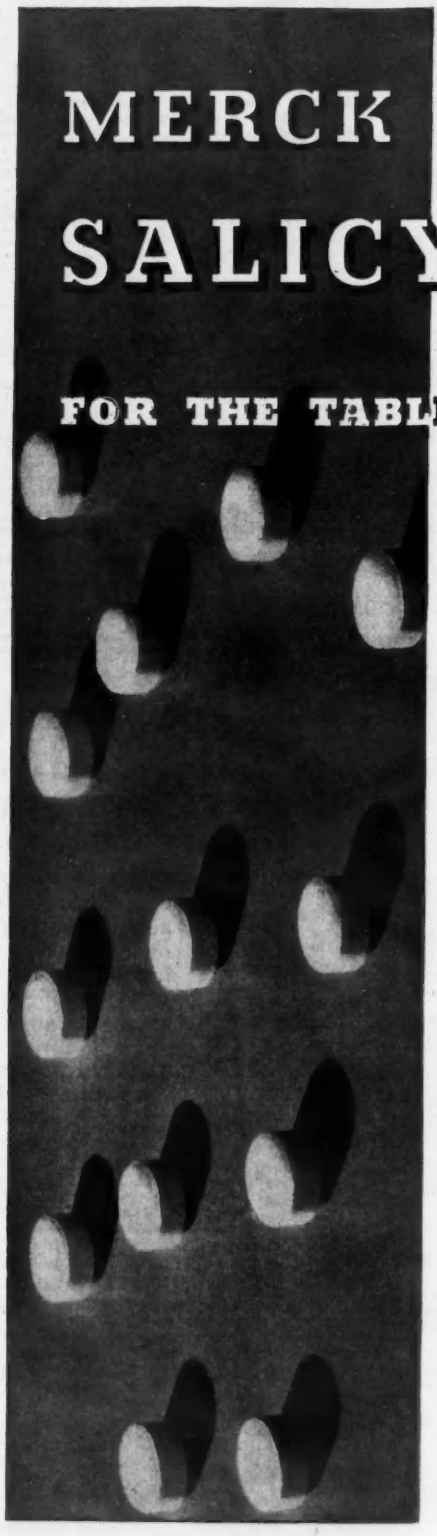
Lever Brothers, Liverpool, England, has acquired wide distribution rights to "Igepon," the textile detergent and laundry auxiliary, introduced by the I. G. Farbenindustrie A. G. a few years ago. Distribution in Germany and a few other countries has been retained by the I. G.

Bentonite is being produced in a new $300,000 plant at Jackson, Miss., of the Filtrol Corporation, successor to the Filtrol Company of California. Clays are being used from Smith county, Miss. A large part of the output will be used by Louisiana and Texas petroleum refineries.

Margarin taxes and other discriminating treatment of margarins will be aggressively opposed by a newly formed consumers' organization in Alabama. Discrimination against other products of the South will also be opposed. Mrs. Charles R. Bricken, Montgomery, is chairman of the organization.

Methyl red has been found by the United States Forest Products Laboratory, Madison, Wis., to be the best reagent for staining the edge of laminated boxboard for the purpose of counting the number of plies. When stained with a 0.1 percent aqueous solution of the reagent the edge of the board shows the adhesive as yellow lines on a red field.

A Guaranty of MERCK *Purity & Reliability*



MERCK SALICYLATES

FOR THE TABLET MANUFACTURER

Tablet manufacturers have a variety of requirements. In preparing aspirin tablets, for example, some manufacturers prefer to make their own starch granulation and consequently use Merck Acid Acetylsalicylic, U.S.P. Fine Crystals. Others employ Merck Starch Granulations, prepared ready for direct feeding to the machines, in either the 10%, 16% (new) or 20% mixtures. Experienced tablet makers know that the Merck product gives no trouble such as pitting, sticking, splitting or capping. In making tablets from Merck Starch Granulations, freedom from development of Acetic Acid odor is assured. When the finished tablets are placed in water, disintegration starts immediately. Furthermore, the particles are fine and soft, an important factor when the finished product is used for gargling.

Sodium Salicylate Merck (U. S. P. Crystals Free Flowing) has been preferred by druggists and manufacturers alike for many years. Rapid solubility, permanence of color, and freedom from caking are some of its outstanding qualities. The Merck Powder, U. S. P. is excellently adapted to straight tablet and compound tablet manufacture. If you are not using these high quality Merck products we invite you to request samples for examination.

MERCK & CO. Inc. *Manufacturing Chemists* **RAHWAY, N. J.**

NEW YORK · PHILADELPHIA · ST. LOUIS

IN CANADA: MERCK & CO. LTD., MONTREAL, TORONTO

Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

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Open Pricing Possible

For those who constitute substantial, if not majority, groups in various industries and who believe that competition in price should be fair, there is a deal of encouragement in the Federal Trade Commission's tacit endorsement of the open price-filing plan. This endorsement is particularly encouraging for the fertilizer industry, to whose plea for an open-pricing provision in its trade practice rules the commission has given a favorable ear. The opportunity for commercial stabilization thus afforded has a wide scope; it covers all industries; and there can be no question of the generally salutary effects of its realization.

Open pricing is beneficial alike for the buying public and for selling industries. It makes available to both parties information that, because it is factual, will do much to promote better understanding and ultimate greater confidence. Open pricing, when legally practiced, does not increase the average price that consumers pay. It levels price schedules, avoiding alike the extreme lows and the extreme highs which prevail over a representative period, and the results are minimized uncertainty and the opportunity to plan operations on known costs and returns.

The Supreme Court of the United States, particularly in its recent decision in the Sugar Institute case, has made it plain that the open filing of prices at which goods are sold or are offered for sale is not in violation of the antitrust laws. This dictum is founded soundly on recognized rights: the seller cannot be forbidden to name his price. The court has gone farther to hold that a duly authorized agency of sellers—a trade association, for example—may function as the recipient and disseminator of price information and relevant data. This, of course, is in keeping with the necessity for adequate service.

It has been made plain also by the supreme court that practices under a legal system of open pricing may become illegally restrictive of competition. The court, in the Sugar Institute case, has clearly indicated certain practices which will bring an open pricing plan into conflict with the laws. These practices are not essential to the desirable purpose of the plan. Chiefly these are the inflexible binding of a seller or of a group of sellers to a posted price—in other words, price-fixing—and the centralized interpretation of market conditions with the intent of raising prices. These restrictive practices can be avoided; although their avoidance is not exactly easy.

To construct an open pricing plan which will satisfy the Federal Trade Commission that there will be no restraint of competition in its operation is now the task of the fertilizer industry. It is to be hoped, and it may be expected, that the commission will clearly outline the provisions to which it will agree. This will help all industry, and all industry would wisely co-operate with the fertilizer group in thorough study and careful construction of a plan that can be legally worked, and of means of assuring against illegal excrescences.

Publicity, Not Prohibition

Publicity quite obviously is the death of price-discrimination. There is reason to believe that the recently expressed favor of the Federal Trade Commission for open price-filing as a trade practice is rather closely related to the commission's desire to eliminate price-discrimination. The publicity provided by open pricing would do more than direct statutory prohibitions to deter bargainers and rebaters. Because all buyers cannot be given the same prices, under the system or lack of system on which much pricing is now based, and because all other buyers would insist that they get the lower price that they know one or more competitors are getting, sellers could not offer particular favors; to do so would be to lose all unfavored buyers.

It would be more desirable to control unfair price-discrimination by means of the publicity achieved by open pricing than to take a chance on a statutory prohibition that probably would impose an unreasonable inflexibility on price schedules. The Federal Trade Commission has had something to say about the necessity of setting quantity discounts on an equitable and factual basis. It is not to be presumed however that it would not approve an open-price schedule that comprised a variety of quantity prices.

Laws are quite different from voluntary agreements as instrumentalities of trade improvements and reforms. Voluntary agreements are much to be preferred, because they are a part of industrial self-government. They present the difficult problem of effective enforcement. This is not impossible of solution, but it does require more study than it has received. It requires also a business philosophy different from that which so frequently makes the consumer pay for the remedy for business ills.

Price-fixing is not the inevitable alternative of price-discrimination. Between them lies honest, open competition in price, under which a seller may elect to retain an advantage accruing from his lower costs or to pass the saving to buyers of his products. His competitors face a problem if his choice is in the latter direction. But, there is business for many in every field, and competition is not wholly, not even necessarily largely, a matter of price.

Publicity on price practices would be informatively beneficial in itself for industry. It would promote secondary benefits equally desirable. It might provide a means of avoiding unduly restrictive legislation, because it can be shown not to be inimical to the interests of consumers. Open pricing, honestly purposed—business should not continue to fool itself in this respect—would effectuate the aims of legislation against price-discrimination. It could be applied to stop the efforts for such legislation, because it can remove the necessity.

Business will be wise in proportion to the extent to which, by undertaking and effecting the remedying of its own ills, it precludes inferences that the application of external reformative forces is necessary. Self-government is as desirable for business as it is for a people. But, the analogy must be carried further, because only by manifesting ability to govern effectively can the right of self-government be supported. Antagonism toward price-discrimination is constantly gaining adherents. Business must recognize this trend; must appreciate its significance and its possibilities. The publicity of the open price-filing system, whatever its immediate, objectionable features, will eventually be found to be less obnoxious than direct prohibition of price-discrimination.

Underselling Needs Attention

In this instance of its application the term, "underselling," has no reference to prices. It is intended to designate inadequate selling efforts. More and better selling is today, as it was in the preceding decade of "profitless prosperity," the greatest need of business.

Overproduction never has been so serious a menace to business as it is popularly believed to be. Overproduction of course is relative to capacity to buy, but its major relation is and long has been that with ability to sell. Underconsumption, the other fault popularly ascribed in commentaries on economic maladjustments, is also more directly related to selling ability than it is to productive capacity.

The adverse influence of underselling, or inadequate selling methods or facilities, is fundamental in the plight of agriculture. This is why restrictive control of agricultural production is economically unsound. The best way to help agriculture and the only way in which helping agriculture also helps the deficiently supplied consumers of agricultural products is to assist the farmer to develop more adequate, more efficient selling practices. The same is true with respect to manufacturing industry.

Capacity to buy depends directly on efficient selling. Producing goods provides no income for capital or labor. Selling is what brings in the money. And of course the money that comes in is the only money that can go out. In certain periods money goes out to buy things almost without the stimulus of selling efforts. Those periods are rare, but they have a baleful influence on selling, an influence that hangs over long into succeeding periods when goods must be sold. The current period is one in which the utmost efficiency in selling is required.

War veterans are getting the bonus. Farmers are being paid awards for co-operating in the AAA program of soil-conservation and soil-restoration. Manufacturing payrolls are providing the wherewithal for much more buying than was possible a few years ago. This providing of funds makes bigger markets; but it does not make easier markets. Actual money means more now to those who get it than it did in the latter half of the preceding decade. But, the need for goods is just as great as it was then, and consumers can be made fully conscious of this by means of appropriate selling.

More than a little vigorous sales promotion is being carried on, but it has more apparent vigor than real strength. It consists in too large part of offering extra inducements—the return of the premium to popularity is typical; so is the rebate. Such practices are not real selling; they are not constructive; they do not make a permanent place for the goods to which they are applied.

Industrial materials are too generally undersold—in both senses of the term, but the unprofitableness is largely the result of the inadequacy of the selling ability. Industrial selling, that is, real selling, is a highly specialized practice. It has not been adequately developed, chiefly because it requires knowledge of the buyer's selling needs as well as his production requirements. Underselling is the cause of the undernourishment of business and of its periods of alternating plenty and famine. It is a malevolent influence, and both overproduction and underconsumption are but symptoms of it.

Price-Discrimination Bill Revised; Passage Predicted

House and Senate, Meeting June 15, Reported in Agreement On Conference Report

WASHINGTON, June 8, 1936.

Passage of the Robinson-Patman price-discrimination bill (H.R. 8442) before the end of the present session of Congress was predicted today as the house received the report of the conference committee on the measure. The conference report has already been submitted to the senate.

The bill as reported by the conference committee contains the Borah-Van Nuys amendment restricting the use of loss leaders and unduly low prices and providing criminal penalties for violation of the act. It also contains the Federal Trade Commission amendment providing that previous FTC rulings and policies shall not be affected by the provisions of the new act.

The conference rejected the amendment adopted at the request of Senator King, which would have exempted crude minerals and metals from the provisions of the measure, and the Vandenburg amendment which would have protected the automobile industry by exempting commodities sold for use in the manufacture of new material. The house amendment exempting farm co-operatives was also rejected.

The senate conferees agreed to the house amendment removing the phrase "terms of sale" from the so-called price discrimination provision, thereby strengthening that section. The house conferees agreed to the senate amendment designed to protect those who unknowingly receive the benefit of discriminatory prices.

The conference committee removed the "classification of customers" provision, and the McNary amendment which would in effect have restated the anti-trust laws as they are today.

Senate conferees accepted the house amendment to the brokerage clause providing that there shall be no brokerage fees "except for services rendered." The conference eliminated the "measure of damages" provisions of the senate bill, declaring that the Clayton act already covers this point.

Both house and senate will meet again on Monday, June 15, and leaders on both sides seem in agreement that the conference report will be accepted.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Coaltar.—Yugoslavia has increased the rates of the combined turnover tax on imports of coaltar and coaltar oils.

Fertilizers.—Cuba has passed a decree-law providing for the regulation of the importation, manufacture, and sale of fertilizers and fertilizer materials, and for the creation of a permanent National Technical Fertilizer Commission to have charge of all matters pertaining to the administration of the law.

Gasoline and Petroleum.—Cuba has exempted from the surtax of 3 percent of duty, imported gasoline, crude petroleum, fuel oil, and special crude petroleum for making asphalt.

Gypsum.—Australia has made gypsum from non-Empire sources subject to import license, effective May 23.

Medicines.—Portugal has reduced by one-half or more the import duties on medicinal and pharmaceutical products.

Nitrogenous Products.—Spain has made subject to import license various nitrogenous products, including commercial and synthetic soda nitrates, calcium cyanamide, and ammonia phosphate.

Petroleum.—Guadeloupe, with the approval of the French Government has made the French import duty increases of May 29, on refined petroleum products, other than gasoline, white spirit, and illuminating oil, non applicable in Guadeloupe.

Potash Sulphate.—Roumania has made double sulphate of potash subject to permit and to import permit taxes at 1 lei per kilo.

Soda Nitrate.—Italy has increased the total quantity of crude soda nitrate, which may be imported into Italy duty free during the calendar year 1936, by additional quotas of 25,000 metric tons.

Consumers Carbonic Corporation has been chartered at Dover, Del., to deal in carbonic acid gas, with an authorized capital of $100,000.

Chemical Imports Up 27 Percent in April

Drying Oils, Carnauba Wax, Casein, Agar-Agar, and Fertilizers Active

Imports of chemicals and related products into the United States in April, particularly raw material items, continued at the high level which has been maintained since the beginning of 1936, increasing somewhat over the preceding month, and were 27 percent higher than in April, 1935, according to C. C. Concannon, chief of the chemical division of the Bureau of Foreign and Domestic Commerce.

The value of such imports aggregated $12,869,000 in April compared with $12,281,250 in March and $10,659,000 in April, 1935, preliminary statistics show. The April figure brings the total for the first four months of the year to $52,614,600, an increase of 15 percent over the corresponding period of last year, when the value aggregated $43,500,000.

Receipts of raw materials, including such products as drying oils, carnauba wax, casein, agar-agar, and certain fertilizer materials, were especially heavy during the month compared with April last year, Mr. Concannon stated, reflecting activity in our paint and varnish, polish, medicinal, paper and plastic, and fertilizer mixing industries.

Imports of Chinese tung oil amounted to 10,956,600 pounds in April compared with 4,438,000 pounds in April, 1935, and the value increased from $337,700 to $1,231,000. Imports of Manchurian perilla increased from 9,040,000 pounds to 15,394,000 pounds in quantity and from $562,000 to $883,000 in value. Receipts of casein aggregated 2,448,500 pounds in April, compared with only 148,000 pounds in April, 1935.

A total of 184,079 tons of fertilizer materials, chiefly potash and Chilean nitrates, were imported in April, an increase of 7,079 tons over receipts last April.

Other chemical and related product imports registering increases over April last year included medicinals which increased in value from $353,000 to $404,500; industrial chemicals, from $1,322,700 to $1,541,750; essential oils, from $289,000 to $410,000, and medicinal codliver oil from $311,000 to $327,300, according to the Commerce Department.

Denaturants for C.D. Formulas Defined

WASHINGTON, June 9, 1936.

The Treasury Department today made public its specifications for the denaturants in the recently adopted completely denatured alcohol formulas 11, 12, and 13 which become effective July 1.

Standards for the specific gravity, distillation range, cloud test, water content, and various other properties are specified for "Agdite," a compounded petroleum product; "Hydronol," an organic hydrogenation product; "Pontol-K," a product consisting principally of a mixture of primary and secondary higher iso alcohols and other compounds; "ST-115," a product, free from wood alcohol, containing a definite proportion of the pyroligneous bodies produced by the destructive distillation of wood; gasoline; and methyl isobutyl ketone.

The complete specifications for the denaturants are given in the circular, AT. No. 182, released by the office of the commissioner of internal revenue of the Treasury Department, and full copies will be sent on request by the OIL, PAINT AND DRUG REPORTER to those interested.

Alcohol Withdrawal for Motor Fuel Requested

WASHINGTON, June 11, 1936.

The Bailor Manufacturing Company, Atchison, Kans., has applied to the Treasury Department for a permit to withdraw alcohol from its denaturing plant to be converted into motor fuel, it was made known here today.

The company, which manufactures alcohol from low grade corn, will initiate large scale production of "agrol" an alcohol blend, to be used in production of "agroline," the name generally given to alcohol-gasoline motor fuel, according to present plans.

Arrangements have been made with the Chemical Foundation Company of Kansas, which is a separate company but wholly owned by the Chemical Foundation, this city, to dispose of the motor fuel through filling stations throughout the middle west, according to information received here.

According to report, the Chemical Foundation Company of Kansas has requests for about 8,000,000 gallons of agrol to be used in blending motor fuel. It is estimated that the Bailor company, which has a capacity of 10,000 gallons per day, will be able to supply only about a million and a half gallons of agrol between now and first of the year.

Tax Bill and Others Delayed by Convention

WASHINGTON, June 11, 1936.

With both houses of Congress in adjournment during the Republican convention, most of the bills under consideration have made little or no progress through the legislative mill during the week.

The tax bill (H. R. 12395) is still before the conference committee, having passed both houses, and there is small prospect that an agreement will be reached before next week. The bill as passed by the senate contains a section placing additional taxes on certain vegetable oils.

The Wheeler-Rayburn Federal Trade Commission bill (S. 3744) is before the house interstate commerce committee, which has taken no action on the measure and scheduled no meetings on it.

The request for a special rule for consideration of the Copeland food and drug bill, S. 5, is pending before the house rules committee, but no meetings are scheduled so far for discussion of the subject. The bill, which has passed the senate, was reported out by the house interstate commerce committee recently.

The house judiciary committee has before it the Tydings fair trade enabling act (S. 3822), but so far has planned no action on the measure.

Soybean Oil Meal Rates Are Upheld by D. of C.

WASHINGTON, June 8, 1936.

Proposed rates on soybean oil meal from Gulf ports to Pacific Coast ports are justified, the Department of Commerce has found in vacating a suspension order against tariffs filed by the Gulf Intercoastal Conference Lines.

The schedules will increase the rate on soybean oil meal in sacks, from U. S. Gulf ports to Pacific Coast ports via the Panama Canal, from $5.50 per net ton, minimum 500 net tons, to $6.50 per net ton, same minimum. The schedules, originally filed to go into effect February 13, were made effective June 13.

The proposed schedules were suspended following protests by the National Soya Bean Oil Manufacturers' Association, the New Orleans Joint Traffic Bureau, and other interested parties.

Medicinal and toilet preparations importers and dealers in various foreign countries have been listed by the Bureau of Foreign and Domestic Commerce. Copies of the list may be procured from the Commercial Intelligence Division of the bureau at 10 cents each.

Chemical Price Average Lower

Because of several influences, particularly potent in the pharmaceutical division, there was a marked downward movement of the price average in the markets for heavy and fine chemicals last week. This did not indicate a general trend, and price advances were as numerous as reductions. Business continued to be spotty, with at least a seasonal increase in curtailments of takings. A slightly easier condition was effected in the coaltar group, although supplies were still scarce. Agricultural insecticides and fungicides were in active demand.

Prices were advanced on silico-fluoride of soda, quinine and its salts, quinine-urea hydrochloride, agar, and imported dried blood. Reductions were made in quotations on tin oxide, antimony metal, imported zinc oxide, and strychnine and its sulphate.

The REPORTER'S composite index number of prices for heavy and fine chemicals fell off sharply to 124.5 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 88.1, against 89.2 at this time last year.

N.P.V.L.A. Convention Set For Chicago Nov. 18 to 20

Dates Arranged for Members To Be at Home to Vote in National Election

In order to enable all the members of the industry to be at home to vote in the next Presidential election, the National Paint, Varnish and Lacquer Association has adopted a split arrangement for its next annual convention, with the formal opening session being held in Washington, November 4, and then an adjournment of the convention proper—all the business sessions and entertainment features—to the Drake hotel, Chicago, November 18 to 20.

Formal notice has been sent to members of the association and others in the industry by Ernest T. Trigg, president of the organization, who explains that the opening session, which will be at the association headquarters in Washington, has been called as a necessary formality to comply with the association by-laws which limit the official opening date. This meeting will have little or no general interest to members, as the three-day meeting in Chicago will be practically the whole convention.

Mr. Trigg urges all to make their reservations early and direct with the Drake hotel, stating that they are for the association convention in order to obtain the special rates being given by the hotel to the members of the organization.

Paint Federation Names Convention Committees

For the annual convention of the Federation of Paint and Varnish Production Clubs, to be held at the Drake hotel, Chicago, in November, the following committees have been appointed:—

Paint Show:—Chairman, Robert E. Prince, Chicago Club; Andrew Lindas, Chicago Club; Sven Johannisson, Chicago Club; V. C. Bidlack, Chicago Club; William L. Hale, New York Club; D. H. Parker, Philadelphia Club; C. W. Clark, federation treasurer, Philadelphia Club.

Host:—Chairman, Don Campbell; W. J. Tonks, P. B. Crandall, W. F. Fenton, and Thomas O'Conner, all of the Chicago Club.

Obituaries

Rev. Dr. Julius Arthur Nieuwland

The Rev. Dr. Julius Arthur Nieuwland, C.S.C., Professor of Chemistry at Notre Dame University, died of a heart attack in Washington, June 11, while on a visit to the Catholic University. He was fifty-eight years old.

Dr. Nieuwland, one of the nation's most noted chemists, was famed for his discovery of a formula for making synthetic rubber, and during the World War won international renown for his discovery of Lewisite gas. He was recognized as an authority on the chemical reactions of acetylene, and it was through his research in this line that he discovered his synthetic rubber formula about six years ago.

Father Nieuwland was born in Hansbeke, Belgium. He was brought to this country by his parents and educated in the parochial schools of South Bend, Ind. He received his Bachelor's degree at Notre Dame in 1899, and in 1903 was ordained. A year later he received his doctorate at the Catholic University, and continued his studies while he taught at Notre Dame. In 1920 he was made Dean of the College of Science and since 1923 had been professor of organic chemistry.

The American Chemical Society awarded Father Nieuwland the William H. Nichols Medal for 1935, one of the highest honors bestowed by the chemical industry in the United States. In the same year he received a gold medal from the American Institute of Chemists for "outstanding accomplishment in the field of science." He was the founder and editor of The *American Midland Naturalist*, and a member of many chemical and scientific societies, among them the American Chemical Society, the Chemical Society of London, the British Chemical Society, the Biology Society of Washington, and the Deutsche Chemische Gesellschaft.

Edward A. Brockman

Edward A. Brockman, well known in the ceramic industry, died May 22, of heart disease, at Seattle, Wash., where he had been living since his retirement in 1933 from the ceramic sales division of the R. & H. Chemicals Department, E. I. du Pont de Nemours & Co. He was sixty-seven years old.

Mr. Brockman joined the Roessler & Hasslacher Chemical Company in 1912, and continued his services when that organization became a part of the du Pont Company in 1930. He operated at various times from the New York,

(Continued on page 32)

A.P.M.A. Asks Enactment of S.5 Opposes Federal Tax on Reserves

Convention Reviews Details of Efforts to Revise Drug Law—Sales Problems Discussed —Officers Are Re-elected

HOT SPRINGS, Va., June 11, 1936.

Hope that the Copeland bill to revise the Federal food and drugs law will become a law at the present session of Congress was expressed by the American Pharmaceutical Manufacturers Association in a resolution adopted today at the closing session of its annual meeting at The Homestead.

The association also voiced strong and unqualified disapproval of the Federal tax bill as passed by the house and denounced the taxation of undistributed corporate income as unsound and unjust.

The position of the association on these two important matters was stated in the following two resolutions drafted by the resolutions committee, of which Charles Wesley Dunn, association counsel, was chairman:—

Resolved: That the American Pharmaceutical Manufacturers Association does hereby reiterate its approval of a sound and constructive revision of the Federal food and drugs act, designed to be enacted by Senate 5, and does hereby record its earnest hope that this bill may become a law at the present session of Congress.

Resolved: That the American Pharmaceutical Manufacturers Association does hereby record its strong and unqualified disapproval of the pending Federal tax bill in the form it passed the house and because its proposed tax on undistributed corporate income is unsound in principle, unjust in application, and effective to work a serious public detriment.

George R. Flint
Re-elected President of A.P.M.A.

Officers Re-elected

At the annual election the following officers of the association were re-elected unanimously:

President, George R. Flint, of Flint, Eaton & Co., Decatur, Ill.

First vice-president, Carrol Dunham Smith, of the Carroll Dunham Smith Pharmacal Company, Orange, N. J.

Second vice-president, J. C. Fausnaught, of Buffington's, Inc., Worcester, Mass.

Secretary, C. W. Warner, of the Maltbie Chemical Company, Newark, N. J.

Treasurer, Frank A. Mallett, of the Standard Chemical Company, Inc., Des Moines, Iowa.

C. W. Warner
Re-elected Secretary

The following three members were elected to fill vacancies on the board of directors of the association: Ralph R. Patch, of the E. L. Patch Company, Boston; C. F. Asher, of George A. Breon & Co., Kansas City, Mo.; and S. Barks-

(Continued on page 23)

Fertilizer Association Will Revise Open Price-Filing Plan for F.T.C.

News That Commission Agreed to Rule Received At Convention—Form Submitted Not Accepted—Officers Re-elected

WHITE SULPHUR SPRINGS, June 10, 1936.

The high spot in this year's annual meeting of the National Fertilizer Association came just before the close of the final session today when Charles J. Brand, executive secretary, read a telegram from the Federal Trade Commission, conveying the information that the commission would receive as a group II rule of trade practices for the fertilizer industry a provision for an open price-filing system.

The commission required, however, that the industry make certain, unspecified changes in the definition and scope of the open price rule included in those that had been submitted for consideration. Revision of the rule will be undertaken by the executive staff of the association in conference with the Federal Trade Commission. The outcome of this deliberation will be scrutinized by the executive committee and the board of directors. Subsequently the proposed rule will be submitted for the approval of the industry, either in a general meeting of the association or in meetings in the several districts.

Provision for the completion of the work of constructing an open price plan was not provided for in the annual budget, nor was there a provision for funding the operating of such a plan. As the budget had been approved before the attitude of the trade commission was received, making the special provision offered certain complications and it was finally decided to authorize the incurring of necessary preparatory expenses and to submit the matter of operating funds to the industry when required.

Other matters of interest in the convention had mainly to do with the study of opportunities presented by agricultural developments and the trend of agricultural relief legislation.

The association's budget adopted for the ensuing year was set at $139,733.21, and the dues assessments were laid at 25 percent below those for the preceding year, the base being 1½ cents per ton on mixed goods.

(Continued on page 34)

A. D. Strobhar
The Presiding Officer

Charles J. Brand
Executive Secretary and Treasurer

Insecticide, Disinfectant Manufacturers Adopt Definite Industry Standards

Organization Also Approves the Setting Up of an Association Control Insecticide for Checking of Products

CHICAGO, June 10, 1936.

Climaxing nine years of endeavor, the National Association of Insecticide and Disinfectant Manufacturers, meeting here June 8 and 9 in its semi-annual gathering, adopted and endorsed definite standards for insecticides and disinfectants.

The standards did not become official as the final, considered action of the association until extensive discussion had taken place on the floor of the meeting and in the case of the disinfectants until numerous changes had been made in the standards as recommended by the committees.

These two accomplishments were regarded as standing head and shoulders in significance above any other developments at the meeting, although the sessions were filled with interesting speeches and widespread interest. Attendance was near a record, if not actually so.

Both association officials and representative members were largely enthusiastic over the final obtaining of standards, the subject of many years' labor and study. Numerous authorities were of the opinion it would prove to be a most important milestone in the industry's progress.

In addition, the association took action approving the setting up of an association control insecticide, which will be used as a yardstick against which each manufacturer may check his own product. An elaborate plan for handling this control product plan was approved.

Industry's Progress Incomplete

Speaking at the opening session, President W. B. Eddy stated that while the industry had come a long way from its popularly conceived origin of the medicine man, its progress is not complete. He emphasized the need for standardization as the outstanding problem before the association.

Standardization can be separated into three time phases, he stated: first, in which both the manufacturer and the consumer are groping for better things; second, in which the manufacturer has learned to do a job and turns out a good product; and, third, the most difficult stage, in which by reason of business decline or ease of manufacture, many concerns enter the field, with cutting of prices and lowering of quality. The third is the present one, he said.

It is a question how far the association can police the situation, the president said, but it can set minimums and endorse products conforming thereto. He said the fact that something of a mystery had been thrown about the industry had created a difficult problem for working out by its members.

In some countries, the government offers its industries real cooperation, President Eddy said. He stated if the organization adopted fair standards, it could expect the government to cooperate by making use of them in its activities.

The report of John H. Wright, secretary and chairman of the legislative committee, stated that as of about June 5, it appeared that the Federal food and drug bill S-5 would not be enacted into legislation at this session of Congress, but that it was to be hoped that it would be passed as there was no question that if it were not, a new bill would be introduced next winter, perhaps of a most drastic nature. He reported important State legislation is pending in Massachusetts and New Jersey affecting the industry; also bills are pending in Rhode Island and New York, although in the latter two, legislatures have adjourned. The report expressed the hope that State laws along the lines of proposed Federal legislation can be defeated until the Federal law, assuming it is enacted, has been given a chance to show its merits in operation.

The suggestion that the December annual meeting of the association be held at the Pennsylvania Athletic Association, Philadelphia, was approved by the meeting.

Business and Unemployment

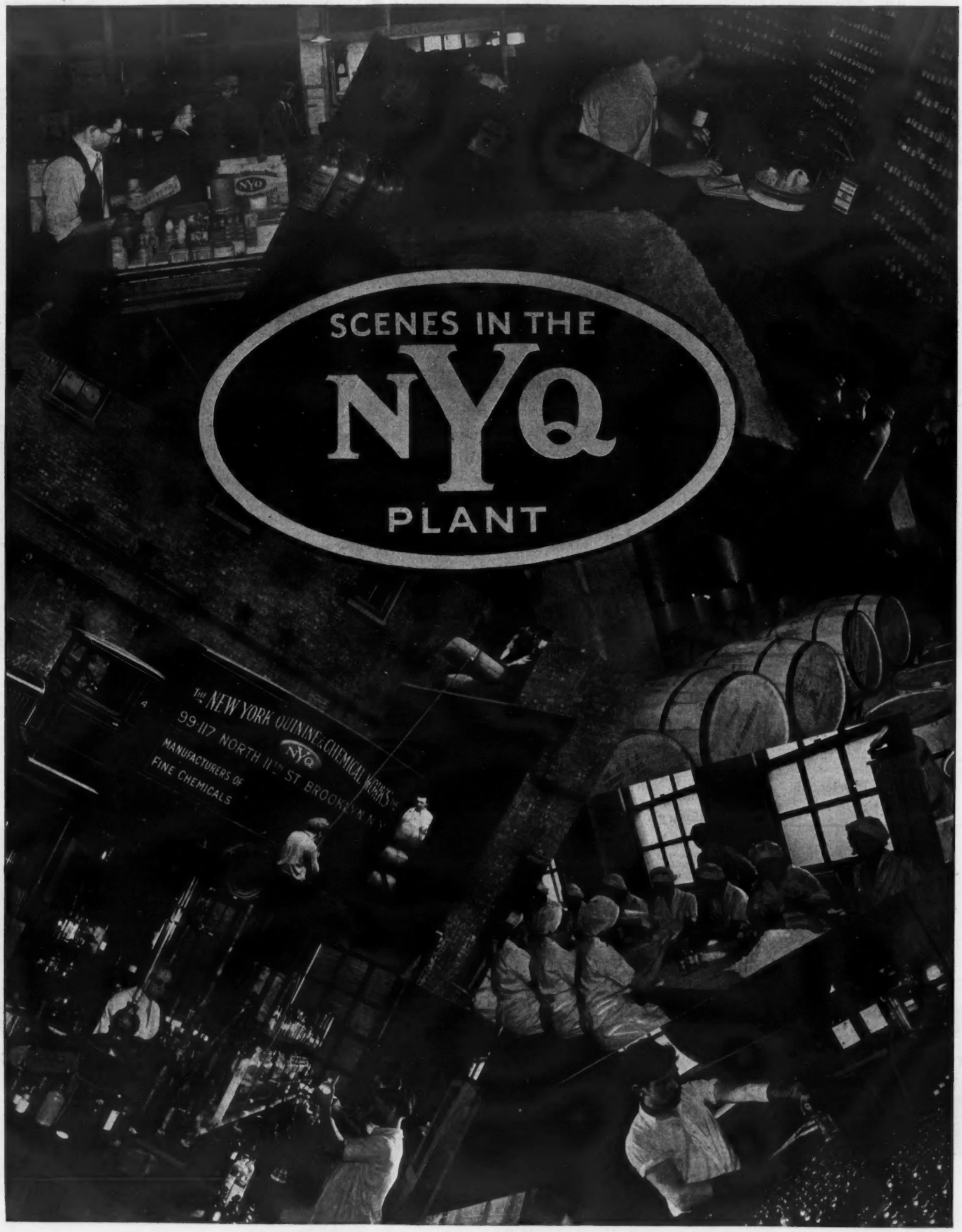
Reporting on the United States Chamber of Commerce activities, C. P. McCormick, national councillor to the chamber, asserted business at large should take the offensive against its traducers. He asserted a real need, now generally recognized, was that business as a whole try to do something about unemployment on a comprehensive scale.

Speaking of the report that a separate organization of limited scope was under consideration by some members of the industry as a possibility, Mr. McCormick opposed the plan, stating that the larger an association is, the better able it is to cope with the general problems of the industry. It was hinted the association might be willing to help the specific work of an organization under its own supervision.

Russell Young, chairman of the membership committee, reported memberships had been slow in coming in, in recent months and it was hoped would show up more rapidly the second half of the year.

Work of the association's publicity committee in attempting to obtain publicity through releases to newspapers, magazines, etc., was widely praised and approved by association membership after a report by the committee's chairman, Ira P. MacNair. Although the latter urged the work be temporarily suspended with the originally authorized expenditure only half used, continuation was approved by the association, which urged the committee to continue to study the possibilities of improved publicity work, with a larger appropriation for the purpose indicated.

(Continued on page 28)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MANUFACTURERS OF
FINE CHEMICALS

A.P.M.A. Meeting Asks Enactment of S.5

(Continued from page 21)

dale Penick, jr., of S. B. Penick & Co., New York.

One hundred and thirty-five were registered at the convention, representing thirty-eight active member companies and twenty associate members.

President's Address

A glowing tribute to the vision of the men who founded the association was paid by President Flint in his formal address at the opening session of the meeting. He contrasted the strained relationships which existed between competing manufacturers at the time of the association's first meeting twenty-nine years ago with the cordial, cooperative spirit which is manifest today. He reviewed the many benefits which individual members have gained through the work of the organization and the stimulating influence which the association has had in the pharmaceutical manufacturing industry. President Flint urged that the fine work of past years be continued and still further extended, speaking as follows:

The fact that our industry has weathered the storm of depressed business during the past several years, emerging practically unscratched, should be concrete proof of the soundness of our building. This proven strength was not an accident but was due to a sound, well-planned program which our association had an important part in formulating.

We, however, cannot continue to exist and prosper on past performances alone. We must continue with a new determination to accomplish still greater things. As individual we must rededicate ourselves to continued and greater service. Great opportunity lies before us. There is yet to be discovered remedies of untold value for the relief of the sick and suffering. It is our responsibility to discover them. We must investigate by intelligent and untiring research every possibility. The Creator of the universe placed these valuable agents in every conceivabe thing. It is surely our job to isolate them, discover their use and prepare them for use by the medical profession.

It is not enough for us to follow the progress being made in pharmacy and medicine. It is our duty, of course, to encourage and further such progress no matter what its source, but in the final analysis it is distinctly our job to create and thereby lead in the advancement of these sciences.

Instruct Physicians

And, gentlemen, more than that, it is our job to be of assistance in teaching the medical profession how to use these discoveries in the most effective way. It is an acknowledged fact that our great medical schools are not teaching materia medica as extensively as they formerly did. Only recently a professor of medicine in one of our important medical schools remarked to me that medical schools today are doing a good job of teaching medicine but, after all, they are teaching few medicines. It, therefore, appears as our responsibility, not only to create and produce medicinal agents, but to assist the physician in the technique of their use.

We know by past experience that when we present a product of value and offer this assistance in an intelligent way, it is welcomed by the profession.

Our method of procedure, then, seems well defined. First, we must discover and create; second, we must prove with the assistance of our great universities and hospitals; third, we must serve by presenting these new things to the profession by means of truthful advertising and personal contact through high class and educated representatives.

A program based on these fundamental principles cannot fail to bring success.

It is unnecessary for me to remind you that in this connection we should pay special attention to the conditions under which these products are produced. Drugs, like foods, are for human consumption and must be produced in clean and sanitary laboratories. There is no place in present day manufacturing pharmacy for products manufactured in dirty, unsanitry plants. The manufacturer, if there be one, who does not pay proper attention to this important matter cannot hope to keep pace with the progress of our time.

Fundamentals of Success

If I were asked by a student of pharmacy to define the steps necessary to the successful conduct of a pharmaceutical manufacturing business, I would answer thus:—

First, research.

Second, a clean, sanitary and well-equipped plant, manned by a capable personnel.

Third, the manufacture of products ethical in character.

Fourth, careful standardization of these products.

Fifth, market by means of truthful advertising and truthful presentation.

Sixth, membership and active service in your trade association.

Legislative Trends

I realize, gentlemen, that you are probably expecting me to refer to legislative matters in this address, but for me to discuss them would only add further confusion to the already tangled mass confronting us. I assure you, however, that at the proper time during our meeting you will hear ample discussion of the various bills which affect us so vitally. Without doubt, we must reconcile ourselves to the fact that we shall be compelled to operate under severe tax burdens, greater than we have ever experienced before. We will find business staggering under whatever revenue act is finally decided on, since it seems an assured fact that this bill will be designed to produce votes as well as dollars, with little or no regard for its effect on business. Social security legislation, noble in purpose but impractical because of hasty weak-thinking adoption, is ours to make what we can of it. Other proposed laws with which you are familiar, but too numerous to mention, must undoubtedly be complied with.

The bacteria of lawmaking is in the air, being incubated not only in Washington but in all of the forty-eight States, and we can expect a flood of nuisance legislation—as example, the Ohio use tax law—from most of them. It is impossible for our New York office to cope with these State matters and, as I see it, it is a problem that can only be handled by the resident members in their respective states. Undoubtedly better organized effort by our members as State groups is indicated.

While I cannot paint other than a gloomy picture so far as legislation is concerned, I do recommend that we keep our balance and continue to deal with these legislative matters as we are now doing; to be particularly interested in attempting to eliminate from these bills unsound principles; by endeavoring to replace them with constructive suggestions and amendments. Since we cannot possibly hope to prevent the introduction

Frank A. Mallett
Re-elected Treasurer

of these bills, we must continue to constantly support the sound and constructive features and increase our opposition to the unsound principles.

Statements inferring that business is a green-eyed monster and that business men are selfish to the last end of point, designed to confuse the sound thinking of men, will fall of their own weight and be buried under an avalanche of accomplishment, service and good deed emanating from both employer and employee, the combination which, after all, goes to make up this thing called business. I predict that we will emerge from these trying times the stronger for having experienced them.

President Flint concluded with an expression of appreciation of the assistance he had received from the officers and committees during the year.

Treasurer's Report

Frank A. Mallett, treasurer, reported that all the dues for the year had been paid and that the association had a cash balance on hand of $7,008.54. Cash on hand at the beginning of the fiscal year was $7,026.66; receipts, $17,754.39; and disbursements, $17,772.51.

The enrollment of one new member, the Maryland Glass Company, Baltimore, and the reinstatement of two members who had resigned, Strong, Cobb & Co., Cleveland, and Magnus, Maybee & Reynard, Inc., New York, was reported by William H. Rorer, Inc., chairman of the membership committee.

At the opening session of the meeting, greetings were presented by A. C. Boylston, president of the American Drug Manufacturers Association; Joseph Huisking, of the Drug, Chemical and Allied Trades Section of the New York Board of Trade, and letters were read from Dr. E. F. Kelly, secretary of the American Pharmaceutical Association; Carson P. Frailey, president of the National Drug Trade Conference; Dr. Sheridan Baketel, of Reed & Carnrick, Jersey City, and telegrams were read from Frank A. Blair, president of the Proprietary Association, and John W. Dargavel, secretary of the National Association of Retail Druggists.

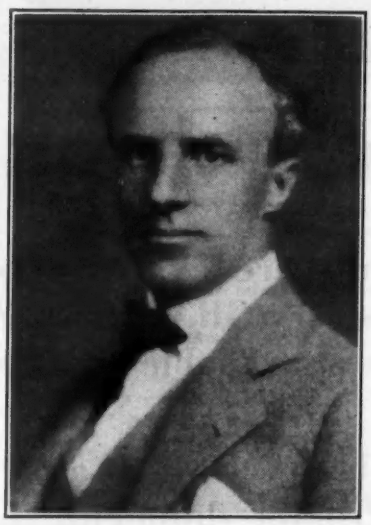
Tuesday morning's session was devoted to a discussion of sales promotion and advertising problems. Carroll Adams, director of sales of Daves & Geck, New York; E. Walton Bobst, of Hoffman-La Roche, Inc., Nutley, N. J.; J. L. Rogers, of the Pitman-Moore Company, Indianapolis, and J. P. Rorer, of William H. Rorer, Inc., Philadelphia, addressed the members on various phases of this important subject. Tuesday afternoon was given over to a discussion of costs and cost finding methods, sales problems, and credits and collection problems under the leadership of C. H. Taylor, of the Chicago Pharmacal Company, Chicago; Howard S. Roe, of the Carroll Dunham Smith Pharmacal Company, Orange, N. J., and John G. Searle, of G. D. Searle & Co., Chicago.

The entire forenoon session June 10 was devoted to an address on current legislation by Charles Wesley Dunn, counsel to the association. Mr. Dunn reviewed developments of the past year and urged members of the association to watch all legislative proposals in order to assure the maintenance of equal economic opportunity to all, the avoidance of improper bureaucratic regulation in lieu of statutory regulation, and the preservation of the properly-exercised fundamental power of the Supreme Court of the United States.

Food and Drug Law

The proposed new food and drug law will not be enacted at this session of Congress unless the rules committe of the house grants a rule for its consideration, said Mr. Dunn. He expressed the belief that the rules committee has not granted a rule for two reasons:—(1) The subcommittee of the house delayed the presentation of the bill too long; and (2) there is a tremendous controversy around several provisions of the bill.

Chief among the controversial provisions of the bill is that which would transfer the enforcement of false advertising restrictions to the Federal Trade Commission from the Department of Agriculture, said Mr. Dunn, adding that in his opinion such a trans-



Charles Wesley Dunn
General Counsel of A.P.M.A.

fer measurably emasculates one of the most important features of the proposed law. He criticized enforcement of dangerous false advertising restrictions by the Federal Trade Commission because that body is composed of economists, lawyers, and laymen rather than scientists, who would be competent to pass on therapeutic claims, and because of long period of time, which it may take the commission to bring a contested case to final judgment. Mr. Dunn cited further the controversy concerning the labeling of foods on a grade A, B, and C basis, which he declared would tend to lower the quality of foods and nullify brand names, adding that if such a provision is made for foods it will later be made for drugs. He explained the need for a more elastic variation clause to meet the needs of physicians for products which differ from official standards and to permit the improvement of U.S.P. and N.F. preparations. Mr. Dunn cited the elimination of the provisions which empowered any district court to enjoin any administrative regulation which is unreasonable, arbitrary, or capricious and stated that the vast amount of administrative power conferred in the new law made such a protective provision necessary.

Among the changes which have been made in the proposed law in response to the recommendation of the industry, said Mr. Dunn, is the inclusion of a provision directing the Secretary of Agriculture to divide the official sample with the manufacturer for purposes of check analysis. The creation of an administrative board of review, suggested by the industry, was discarded by the subcommittee of the house when it decided to eliminate all of the committees and bureaus originally proposed in the bill, he reported.

Mr. Dunn voiced the eagerness of the association that the new food and drug law be enacted, but stated that its chances of passage at this session is extremely doubtful unless President Roosevelt intervenes in the present deadlock and recommends the enactment of the bill.

Robinson-Patman Bill

Manufacturers of drug products have not taken as active a part in the hearings on price-discrimination legislation as they should have, said Mr. Dunn. Although he wholeheartedly commended the elimination of unfair price discriminations, Mr. Dunn objected to the provisions of the current bills providing for the arbitrary classification of customers, granting the Federal Trade Commission the power to set quantity limits, and reversing the rule of evidence by making a manufacturer prove that his price terms are not in violation of the law instead of making the government prove they are.

Other Legislation

Mr. Dunn briefly discussed the Wheeler bills to prohibit selling on a basing point basis and to broaden the powers of the Federal Trade Commission to deal with all unfair or deceptive trade practices rather than merely those which injure a competitor. Although these bills have practically no chance of enactment at this session, said Mr. Dunn, they are indicative of the current trend of thought in Washington to strengthen the antitrust laws and broaden the powers of the Federal Trade Commission.

The Tydings bill has no likelihood of enactment nor has the Healy bill, said Mr. Dunn, but some form of tax bill is certain of passage. He voiced opposition to the theory of taxation which would be levied against the undistributed surpluses of corporations, stating that such taxation would virtually doom small corporations which hoped to accumulate their earnings in order to develop or as a protection against periods of depression. He stated that such a law would create a temporary prosperity and dry up the sources of future wealth. Mr. Dunn expressed the belief that the tax law which will be enacted at this session of Congress will be merely a temporary measure and that the next session will make a thorough study of taxation with a view toward broadening the tax base and making everyone pay a tax.

Members of the association were urged by Mr. Dunn to make all payments under social security legislation under protest in order to reserve their right to a refund in case the law is declared invalid. Although expressing his sincere sympathy with efforts to provide social security, Mr. Dunn voiced his doubt as to the constitutionality of the present law in view of recent decisions of the supreme court, which have denied the right of the Federal government to use its power of taxation to accomplish unconstitutional purposes. He further criticized the present law because of the tremendous bureaucracy which it created and because it did not permit manufacturers who at present have social security plans of their own in operation for their employees to continue them in lieu of that provided by the law.

State fair trade laws were discussed briefly by Mr. Dunn and he reiterated his opinion that to bind the nonsigner of a contract to contract prices is invalid. He cited the recent Guffey decision of the supreme court which reviewed the right of a majority of coal producers to fix the maximum hours and minimum wages which would be binding on all such producers whether or not they agreed to the terms and explained that the court had termed it the worst kind of delegation of power to allow some competitors to set the legal standards for others. Mr. Dunn expressed the belief that the only form of legislation to prevent unfair retail price competition which would stand the test of the courts is that which prohibits sales below cost, suggesting invoice or repiacement cost.

At the conclusion of his address Mr. Dunn was accorded an enthusiastic rising ovation.

The Golf Winners

The annual banquet of the association was held on Wednesday evening with Philip J. Steinmetz, S.T.D., rector of St. Paul's Church, Elkins Park, Pa., as the principal speaker. Presentation of prizes of the following winners in the golf tournament was made at the banquet.

Low net, J. A. Huisking; low gross, C. J. Predmore, low qualifying score, J. G. Searle.

First flight:—Low net, W. H. Mysch; low gross, E. T. Kirkland; second low net, A. P. Connor; second low gross, V. E. Williams.

Second flight:—Low net, Maurice Hoopes; low gross, Johnson Rogers, second low net, C. N. Angst; second low gross, J. W. Vance.

Third flight:—Low net, P. A. Rising; low gross, C. S. Curtis; second low net, J. E. Bartlett; second low gross, C. W. Merrell.

Fourth flight:—Low net, K. G. Hewitt; low gross, E. S. Hessler; second low net, G. L. Harvey; second low gross, W. R. House.

Fifth flight:—Low net, R. W. Rodman; low gross, B. B. Grubb; second low net, F. A. Degener; second low gross, W. N. Doushkess.

Blind Bogey:—Paul Klemtner and W. H. Rorer.

Longest drive on first hole, Robert Durst.

Nearest the pin on the sixteen hole, J. A. Silver.

Booby prize, C. D. Smith, Sr.

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Hagar and Sidford On Titanium Board

Ivan D. Hagar, Eastern sales manager of the Titanium Pigment Company, and Henry G. Sidford, manager of the Atlantic branch of the National Lead Company, have been elected to the board of directors of the Titanium Pigment Company.

Mr. Hagar has been associated with the Titanium Pigment Compony for the past fifteen years. Prior to his association with the company he was pro-

Photo by Chidnoff.
Ivan D. Hagar

duction engineer with the Devoe & Raynolds Company, and was also with the New Jersey Zinc Company as a sales engineer. Mr. Hagar's first association with the paint industry was with the Union Pacific Railroad, where he was employed as a chemist testing paints and varnishes, and he later joined the Mound City Paint & Color Company of St. Louis. Mr. Hagar also spent some time in Mexico with the Cementos Hidalgo S. A., cement factors. He is a native of Weybridge, Vt., and received his education at Middlebury College and Syracuse University. He is a member of the Masonic order, and is also a member of the American Chemical Society; American Society for Testing Materials; New York Sales Managers' Club, and the Downtown Athletic Club. He is a resident of Leonia, N. J.

Mr. Sidford is also a member of the board of directors of the National Lead Company, with which the Titanium

Henry G. Sidford

Company is affiliated. He came to the Atlantic White Lead and Linseed Oil Works as an office boy in 1889. In 1893, that company and other properties acquired by the National Lead Company were merged and designated as the Atlantic branch of National Lead. Mr. Sidford was appointed assistant comptroller of the branch in 1908 and became assistant manager in 1923. In December, 1925, he assumed the managership of the Atlantic branch. He is a former president of the Paint, Oil and Varnish Club of New York and a former director of the Drug and Chemical Club. He is an ardent golfer and a member of the Maplewood Country Club.

Heavy Chemicals

Sharp Reduction in Tin Oxide — Antimony Metal Lower — Soda Silicofluoride Fractionally Higher—Blue Vitriol Active — Chlorine and Bleaching Powder Firm

Business in the market for the industrial chemicals continued quiet during the week just closed. In fact, some quarters reported that the slower buying was more pronounced, for the summer seasonal influences were being felt in some major industries consuming chemicals. However, the volume for this period of year continued satisfactory. Price change included higher quotations for the small lot quantities of copperas, soda silicofluoride and lower quotations were noted for antimony metal and tin oxide.

Industrial operations were fairly good for this period of the year, particularly in the steel and automobile trades, for reports from the automobile industry were to the effect that operations picked up somewhat last week, but some tapering off was expected at the outset of the next month, and the steel industry was reported at 70 percent of capacity as compared with 68 percent in the preceding period. Sulphuric acid demand was highly irregular, but the price tone remained firm. The rise in the prices for the small quantities of copperas could be attributed to the relatively small supply of material on hand, for there has been a broad demand for that material over recent months. Stocks of fluorspar have been low also, due to the active inquiry coming from the steel industry, but prices were firm.

Soda silicofluoride demand was active again last week, but stocks were said to be low, with the result that sellers were holding firm to slightly higher prices. The lowering of the prices for antimony metal came about as a result of the happenings in China, where some holders were said to be liquidating stocks in anticipation of certain unfavorable political developments. Antimony oxide and other antimony derivatives remained unchanged, although a really steady tone was in evidence. Decline in the price for tin oxide was a reflection of the recent sharp break in the price for the basic metal.

Plating trade continued to order out supplies of chromic acid in fair volume during the week, and nickel salt was also in good request, and prices in both instances were firm. Soda cyanide was fairly active. Textile industry continued to adhere to the cautious buying policy, with the result that a number of textile chemicals passed through a highly irregular week from a demand standpoint. Chlorine and bleaching powder were active. Agricultural chemicals and other products utilized in the summer season furnished the bright spots in the dealings, with the arsenicals active as well as blue vitriol and anhydrous ammonia and calcium chloride.

Alums.—Business continued at a fair pace in the market for the commercial and iron-free, with the market displaying a steady tone. April exports of sulphate amounted to 4,254,757 pounds, valued at $44,014, of which Canada received 3,931,467 pounds; Mexico, 1,140 pounds; Cuba, 40,000 pounds; Argentina, 222,000 pounds, and Colombia, 60,000 pounds. Imports of sulphate, over 15 percent, totals 231,581 pounds, valued at $1,890.

Ammonia Anhydrous.—This market revealed little change during the period closed, with the shipments moving out in seasonal volume, and a firm tone was prominent in the dealings.

Ammonia Aqua.—Industrial consumers continued to withdraw fair sized shipments at times during the week just closed, with the market displaying a steady tone, and sellers were asking the schedule in force previously.

Ammonia Bicarbonate.—Interest in this market continued to be concerned with small quantities, with the consumers covering for immediate production wants only, and the prices were regarded as steady to firm.

Ammonia Carbonate.—Quiet prevailed here, but sellers were holding to previous quotations. April imports amounted to 23,872 pounds, valued at $1,450.

Ammonia Nitrate.—A fair interest was shown in this market, with the prices holding at unchanged levels. April imports amounted to 79,142 pounds, valued at $1,154, with the material coming from Norway.

Ammonia Phosphate.—A fairly good demand was registered for this material at times during the week, with the prices displaying a firm tendency.

Ammoniac Sal.—Battery trade and other usual channels of consumption continued to place a good call for this material, with the prices for the white and gray items holding at the levels in force previously. April imports amounted to 806,744 pounds, valued at $18,897, of which Belgium shipped 72,738 pounds; France, 6,720 pounds; Germany, 37,691 pounds, and Canada, 89,595 pounds.

Antimony.—Prices for antimony metal declined to 11⅜c. to 11⅝c. per pound, and the decline in quotations could be attributed to the easier price situation in the Chinese market, with reports indicating that dealers in certain sections of China were liquidating stocks, due to political developments. Business in the local market was quiet.

Antimony Oxide.—Although demand showed a tendency to drag at times, with the ceramic industry inclined to purchase for immediate wants only, the market had a slightly easier tone, due to the decline in the metal, but quotations were without change. April imports consisted of 194,880 pounds, valued at $15,911.

Arsenic.—Business in the market for the white material continued at a good pace throughout the period under survey, and prices were well maintained. April imports amounted to 2,904,182 pounds, valued at $71,811, of which Belgium shipped 67,196 pounds; France, 44,092 pounds; Germany, 13,779 pounds; Sweden, 181,370 pounds; Mexico, 2,367,026 pounds, and Japan, 230,720 pounds.

Barium Salts.—The market for the various barium salts offered little variation from recent weeks, with the prices displaying a steady tone in the nitrate, hydrate, chloride and oxide. April imports amounted to 139,238 pounds, valued at $6,553.

Bleaching Powder.—This market continued to enjoy a good demand throughout the week just closed, with the prices displaying a decidedly firm tone. April imports amounted to 114,351 pounds, valued at $4,351, of which Germany shipped 18,853 pounds; United Kingdom, 67,500 pounds, and Japan, 27,998 pounds.

Blue Vitriol.—A broad buying movement was in evidence again last week, with the price tone remaining firm. Seasonal influences played the prominent part. April exports amounted to 792,540 pounds, valued at $22,859, of which Canada purchased 244,050 pounds; Mexico, 67,752 pounds; Argentina, 440,000 pounds, and Turkey, 30,422 pounds.

Calcium Chloride.—A substantial movement was in evidence for this material, with the warm weather supplying the stimulating influence as far as demand was concerned, and a firm tone governed the dealings. April imports of the crude amounted to 282,990 pounds, valued at $1,840, of which Germany shipped 249,390 pounds and Japan, 33,600 pounds.

Chlorine.—This market continued to enjoy a good demand throughout the week with prices regarded as firm. Indications were that the June shipments would exceed the May tonnage, and a good volume of business was on the books for July shipment.

Cobalt Oxide.—There was a fairly active demand in evidence throughout the week, with the buying originating in the usual channels of consumption, and prices were firm. April imports amounted to 40,380 pounds, valued at $41,200, of which Belgium shipped 28,000 pounds; France, 4,480 pounds, and Germany, 7,900 pounds.

Copper.—The market for electrolytic copper moved through a fairly good week, from a buying standpoint, with the price holding firm at 9½c. per pound, delivered, Connecticut Valley base.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Copperas, 1 to 4 bbls., 50c. per 100 lbs.
5 bbls., 10c. per 100 lbs.
Soda silicofluoride, ¼c. per lb.

Reduced

Antimony metal, ½c. per lb.
Tin oxide, 2c. per lb.

Comparative Values

Index number compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	153.1

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year
99.4	99.4	99.4	99.2

Market news that may have developed after this report was sent to press will be found on page 2.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 4

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(BLANC FIXE)
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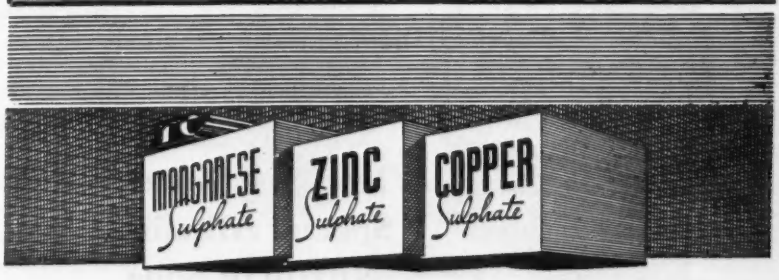

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Caustic Potash
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MECHLING BROS. CHEMICAL COMPANY
PHILADELPHIA CAMDEN, N. J. BOSTON, MASS.

Copperas. — The market noted a strong tone, with a slight increase taking place in the prices for the one to four-barrel shipments, which were raised to $2 per 100 pounds, and the five-barrel price was raised from $1.40 to $1.50 per 100 pounds. The broad demand over recent months was a factor giving the market the strong price tone.

Fluorspar.—There was an active inquiry shown for this product again last week, and the broad buying of this material could be attributed directly to the high level of operations noted in the steel industry, which was operating at 70 percent of capacity, compared with 68 percent in the preceding period, according to Iron Age. The heavy demand from the steel industry resulted in the stocks of fluorspar reaching a low level.

Magnesium Silicofluoride. — A good buying interest was disclosed in this market again last week, with the shipments moving forward to the building trade at a fair pace, and the statistical position of the market favored a decidedly firm tone.

Nickel Salt.—Demand here was good throughout the week, with the prices displaying a firm tone. Reports from the automobile industry were that some betterment developed in the operating ratio, with the betterment unexpected, for producers of the motor cars were looking for a seasonal slackening.

Potash Carbonate.—A good interest was disclosed in this market at times during the week, with the textile trade and other usual consumers supplying the interest, and prices were well maintained. April imports amounted to 254,934 pounds, valued at $13,167, of which France shipped 248,702 pounds; United Kingdom, 4,000 pounds, and Hong Kong, 2,112 pounds.

Potash Caustic.—This market offered little change, with the shipments moving for the account of the soap industry as well as for the chemical processors at a good pace, and the price tone remained firm. April imports amounted to 419,541 pounds, valued at $27,441, of which Germany shipped 390,176 pounds and Sweden, 29,365 pounds.

Potash Chlorate.—Match makers and the other usual buyers continued to show a good interest, with some seasonal interest noted from the fireworks trade, and prices were well maintained. April imports of chlorate and perchlorate amounted to 1,881,994 pounds, valued at $100,323, of which France shipped 223,994 pounds; Germany, 1,372,535 pounds; Sweden, 5,480 pounds and Switzerland, 279,985 pounds.

Potash Permanganate.—No slackening was noted for this product, with the prices displaying a firm tone. Buying orders came from routine consumers.

Saltcake.—A good demand originated in the usual channels of consumption, including the glass and paper trades, and prices were firm at the previous levels. April imports amounted to 11,613 tons, valued at $11,866, of which Belgium shipped 2,763 tons; Germany, 7,731 tons; Netherlands, 500 tons; Canada, 581 tons and Chile, 38 tons.

Soda Ash.—Although some falling off was manifested on the demand side of the market, due to seasonal influences on the production schedules of certain consuming industries, sellers reported that the tonnage reached a level sufficient to give the market a firm price appearance.

Soda Bicarbonate. — Demand here continued good during the period just ended, with the prices displaying a firm tone. Soda bicarbonate imports into the United States during April amounted to 168 short tons, all from Japan. At no time during the past 25 years has the annual importation of bicarbonate reached the April figure.

Soda Caustic.—Producers reported the market noted a steady to firm tone, although the buying was irregular, and the irregularity in the call reflected the mixed character of production schedules in the consuming industries.

Soda Chlorate.—Shipments continued to move out in good volume throughout the period under survey, with the seasonal influences bringing about the active demand, for the material is used for weed killing purposes. April imports amounted to 552,075 pounds, valued at $21,023.

Soda Cyanide.—Platers continued to withdraw a good volume of this material, with the prices displaying a firm tone. April imports amounted to 1,350,000 pounds, valued at $133,660, of which France shipped 69,200 pounds; Netherlands, 75,000, pounds and Canada, 1,205,000 pounds.

Soda Fluoride.—Foodstuff industry continued to supply a good interest in this material, with the prices holding firm. And the April imports consisted of 2,205 pounds, valued at $266, with the material coming from Germany.

Soda Hydrosulphite.—Textile trade continued to furnish a good interest in this material, with the prices holding unchanged. April imports of soda hydrosulphite and compounds amounted to 51,678 pounds, valued at $6,211, of which Czechoslovakia shipped 8,818 pounds; Germany, 3,762 pounds; Switzerland, 9,418 pounds and United Kingdom, 29,680 pounds.

Soda Phosphate.—The market for the tri-basic item enjoyed a fairly good demand for contract shipments, with no change uncovered in the quotations. Irregularity marked the call for the di-basic item, and prices were in line with quotations in effect previously.

Soda Silicofluoride. — This market noted a strong tone, with sellers asking prices up to 6¾c. per pound, and the small supply on hand was a factor giving the market a strong price tone appearance. April imports amounted to 373,185 pounds, valued at $10,495, of which Denmark shipped 241,073 pounds; Germany, 33,014 pounds; Italy, 76,611 pounds and Netherlands, 22,487 pounds.

Soda Sulphide.—Usual consumers furnished the call here, with a conservative buying policy in effect, and prices were unaltered. April imports totaled 393,090 pounds, valued at $7,899, of which Belgium shipped 109,156 pounds; Germany, 241,977 pounds and Netherlands, 41,957 pounds.

Tin Salts.—A reduction of 2c. per pound was noted in the price for tin oxide, and the sellers were listing 48c. to 50c. per pound, and the prices for anhydrous tetrachloride and tin crystals were barely steady, reflecting the similar condition in the basic metal price.

Acids

Business in the market for the acids entering the industrial units reflected the mixed character of the production schedules in the various consuming industries. Indications were that curtailment for the summer season was getting under way, judging by the caution with which consumers were purchasing supplies. Acetic acid demand was fair, and prices ruled unaltered. Sulphuric acid buying was mixed, with a fairly active day offset by a lethargic interest the following day, but prices were well maintained. Chromic acid demand held up fairly well, considering the conservatism with which the plating trade was purchasing supplies. Oxalic buying was good at times during the week, and the price tone remained firm. There was little to report in battery and boric acids, with contract for the latter material having been extended for the final half of the year. Business in muriatic acid and nitric acids was fair.

Acetic.—There was a fairly good demand at intervals during the week, but it was evident consumers were covering for immediate requirements only.

Battery.—Nothing of importance developed in this market, with the prices displaying a firm tone, and demand was strictly routine.

Boric.—A fair amount of buying was reported here again last week, with a firm tone in evidence. Prices have been extended to cover the final half of the year.

Chromic.—Platers were withdrawing fair sized commitments during the week, with a firm tone prominent.

Formic.—Textile interest continued to order out supplies at a fair clip and a firm tone governed the dealings.

Lactic.—This market noted an irregular call, with the seasonal influences in some industries causing a favorable movement which was offset to some extent by a covering for immediate needs in other quarters, and prices were unchanged.

Hydrocyanic.—Agricultural interests continued to place a good inquiry, with a firm tone prominent.

Muriatic.—This market was much the same as the preceding period, with the demand restricted to actual needs, but the price tone remained firm.

Nitric. — Shipments continued to move out in moderate volume, and a firm tone was in evidence, with no change disclosed in the quotations.

Oxalic.—A fair demand was noted here, and sellers continued to quote the prices of the preceding period.

Sulphuric.—This market was subjected to a highly irregular demand, and what buying was in evidence was due to covering for immediate production requirements, but the prices retained a firm appearance. The automobile industry continued to operate close to 100,000 units per week, and the steel trade was reported at 70 percent of capacity.

Baltimore, June 10.—With many of the manufacturers of fertilizers out of the city attending the annual meeting of the National Fertilizer Association, it was only natural that the market for sulphuric acid should be characterized by pronounced quiet. Sales to other industries were, of course, about as usual, but the makers of mixtures were out of it for the time being. Nor does the immediate future promise better things, for the trade will be running into the summer dullness and transactions are likely to be deferred until the needs in the way of acid become more imminent. The producers adhered to their quotations of $12 a ton for 60 degree and of $15 per ton for 66 degree acid. A similar state of affairs prevailed in the market for oleum, which

(Continued on page 29)

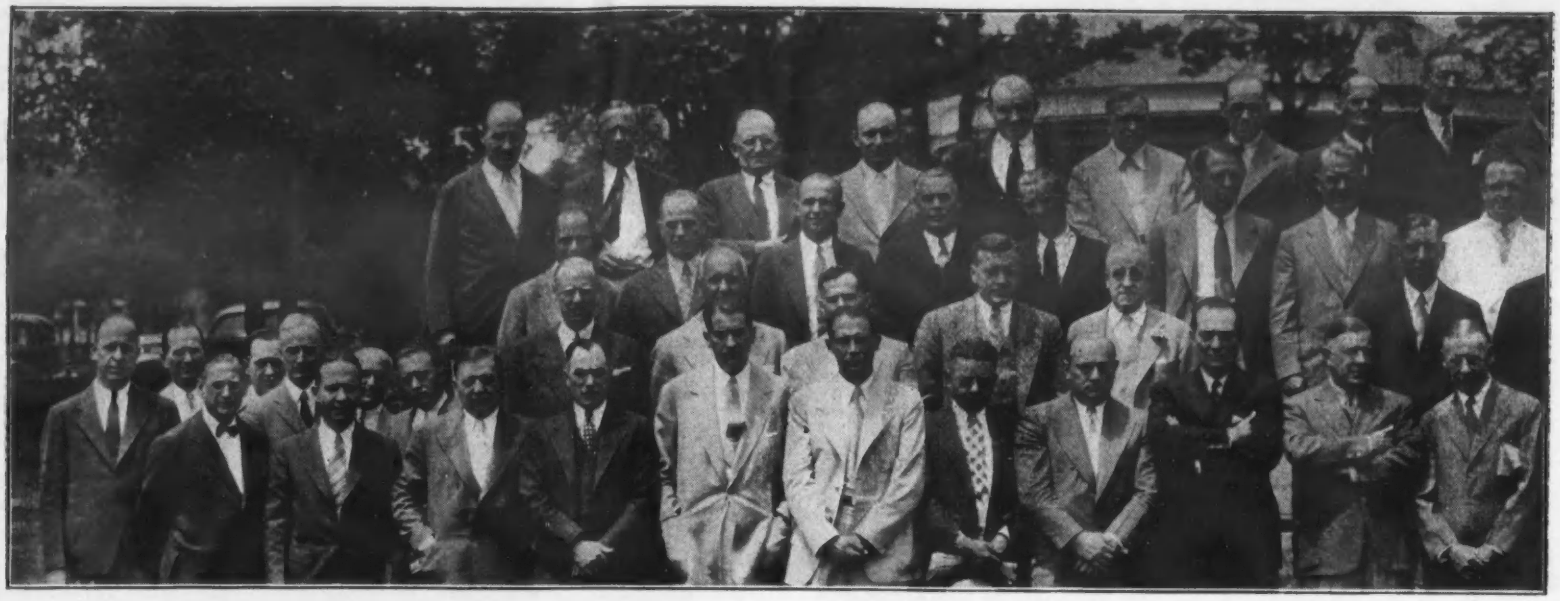
Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 4

DIAMOND 76% Actual Test
CAUSTIC SODA

For that ideal balance of strength and uniformity so important in the refining of vegetable and mineral oils, specify Diamond 76% Caustic Soda, guaranteed to contain over 76 units actual sodium oxide . . . a standard of quality and full strength throughout the chemical industry.

DIAMOND ALKALI COMPANY
PITTSBURGH *and Everywhere*

ALKALI



A Group of Those Attending the 1936 S.O.C.M.A. Outing.

(Other pictures on pages 30 and 32)

HEAVY CHEMICALS
OF STANDARD PURITY
Sulphuric Acid
OIL OF VITRIOL...OLEUM...
MIXED ACID...BATTERY ACID
IT'S more than a question of the maintenance of standard purity. Your source of acid supply must also have facilities for production and resources in delivery equipment which assure efficient delivery and maintained schedules. Nothing less than these coordinated facilities, and services, can give you the satisfaction you have a right to expect. You enjoy them in full measure in dealing with this company.
CARBOY, DRUM, TANK TRUCK, TANK CAR AND TANK BARGE DELIVERY
GENERAL CHEMICAL COMPANY
REG. U.S. PAT. OFF.
GENERAL CHEMICAL COMPANY
Home Office: 40 RECTOR ST., NEW YORK (Cable Address: Lycurgus, N.Y.)
Sales Offices: ATLANTA, BALTIMORE, BOSTON, BUFFALO, CHARLOTTE, CHICAGO, CLEVELAND, DENVER, KANSAS CITY, LOS ANGELES, MINNEAPOLIS PHILADELPHIA, PITTSBURGH, PROVIDENCE, SAN FRANCISCO, ST. LOUIS. In Canada: THE NICHOLS CHEMICAL CO., LTD., MONTREAL, TORONTO

N.A.I.D.M. Adopts Definite Standards

(Continued from page 21)

Insecticide Yardstick

The yardstick approved by the association for measuring insecticide manufacturers products was in the nature of the following standard of comparison to apply to a household liquid spray-type insecticide:—

1. When tested by the Peet-Grady method and the N.A.I.&.D.M. official control insecticide by methods prescribed it shall yield an average kill of not less than 95 percent of the average kill by the official control product.
2. The product shall be harmless to humans and warm-blooded household animals.
3. When sprayed as directed it shall not stain.
4. When used by the customer it shall not penetrate its packages.
5. It shall be non-corrosive to metal.
6. It shall have no odor, with none specified.
7. Its flash point shall be not less than 125 degrees F.

In working out this system, it was decided that manufacturers shall have access to the control product made up as a blend of the products of virtually all the leading sources of supply, with means of packaging, labeling, shipping, identifying and instructions for use rigidly supervised. Large numbers of six-ounce bottles will be used.

E. A. Back, principal entomologist on insects affecting man and animals, of the bureau of entomology and plant quarantine, Department of Agriculture, Washington, gave an interesting talk, illustrated with slides, on carpet beetles, the increasing household menace.

D. C. Beach, of S. B. Penick & Co., presented a paper on observations on determination of rotenone and a suggested method.

The discussion of disinfectant specifications was based on the report of J. L. Breen, chairman of the committee on disinfectant specifications and standardizations.

An interesting program feature was "Termites, the Insect Scientists," presented as a paper by Dr. James W. Laurie, Schlitz Brewing Company. Another point of interest was the report of the committee on antiseptics, by Dr. G. F. Reddish, of the Lambert Pharmacal Company. "Dips and Diseases in Warfare Against Animal Diseases" was discussed by Dr. J. R. Moler, chief of the bureau of animal industry, Department of Agriculture.

On the program also was an address by Dr. Herman N. Bundeson, president of the Chicago board of health, on "Public Health Reasons for Using Insecticides and Disinfectants." There was floor discussion of uses of disinfectants, insecticides and sanitary specialties during and after floods.

Throughout the sessions and in informal discussions a trend toward a more militant attitude of members against criticism being leveled at the industry and its members was evident.

Publicker Names McQuaide Manager

The Publicker Commercial Alcohol Company, Philadelphia, has appointed C. G. McQuaide vice-president and general manager. Mr. McQuaide has long been active in the Chicago field; is a member of the Chicago Drug & Chemical Association; and, as a member of the legislative committee of the Illinois Chamber of Commerce, and the Chicago Association of Commerce, was one of the three men to obtain the introduction of the fair trade practice act in the Illinois legislature, keeping actively behind it until its passage. His headquarters will be in Philadelphia.

Heavy Chemicals

Acids

(Continued from page 27)

is being held at $16.82 per ton for 20 percent stocks. There is a feeling as to fertilizer mixtures that quotations may be shaded, and buyers of acid are likely to entertain expectations that they should be able to obtain their supplies of acid at some concession.

Insecticides

The market for the agricultural insecticides and fungicides noted a firm tone during the week just closed. Seasonal buying continued on a broad scale. The weather crop report stated that in the cotton States the week was mostly warmer than normal. There were local showers over the eastern half of the belt and substantial rains over much of the northwest, but a generally dry week prevailed from the lower Mississippi Valley westward. Business in the arsenicals was good, and a firm price tone prevailed. The call for nicotine sulphate held up well, and buying of bordeaux mixture continued at a good pace.

Bordeaux Mixture.—Demand here was good during the week, with the prices holding firm.

Calcium Arsenate.—There was a broad seasonal demand in evidence, and sellers were holding firmly to previous prices. April exports amounted to 596,072 pounds, valued at $33,594, of which Canada consumed 16,000 pounds; Nicaragua, 7,000 pounds; Mexico, 480,372 pounds; Peru, 45,000 pounds; Philippine Islands, 17,500 pounds and Egypt, 30,000 pounds.

Lead Arsenate.—No slackening was shown in the demand for this material, with seasonal influences still in evidence, and prices were firm. April exports amounted to 43,619 pounds, valued at $3,939, of which Argentina consumed 22,400 pounds; Canada, 8,000 pounds; Panama, 1,000 pounds and Egypt, 4,105 pounds.

Nicotine Sulphate.—A good inquiry was reported here, with a steady to firm tone noted. April exports amounted to 108,048 pounds, valued at $31,513, of which Belgium received 4,250 pounds; Germany, 24,243 pounds; Norway, 4,000 pounds; Canada, 3,086 pounds; China, 10,000 pounds and Japan, 51,161 pounds.

Lead Production in 1935 Up 12 Percent in Value

Refined primary lead produced in the United States in 1935 from domestic ore amounted to 310,505 short tons, valued at $24,840,000, compared with 299,841 tons, valued at $22,188,000 in 1934, according to a report of the United States Bureau of Mines. The production of refined lead from foreign sources, amounted to 14,055 tons, principally from Mexico, Newfoundland and Peru, compared with 11,395 tons in 1934, principally from Peru, Newfoundland, and Canada. The total output of primary lead from domestic and foreign sources was 324,560 tons in 1935, compared with 311,236 tons in 1934. The principal sources of production in the United States were again Missouri, Utah, and Idaho, whose output represented 78 percent of the total for the country in 1935. The quantity of refined primary lead available for consumption in the United States in 1935, amounted to 309,911 tons, compared with 298,141 tons in 1934.

The output of primary domestic desilverized lead in 1935, was 178,489 tons; of soft lead, 96,783 tons, and of desilverized soft lead, 35,233 tons, making a total output from domestic ores of 310,505 tons of refined lead. Corresponding figures for 1934 were 175,073 tons of domestic desilverized lead; 102,024 tons of domestic soft lead; and 22,744 tons of domestic desilverized soft lead, making a total of 299,841 tons. The total primary lead refined in the United States in 1935 was 324,560 tons, compared with 311,236 tons in 1934.

George A. Whiting, president of the Standard Wholesale Phosphate & Acid Works, Baltimore, lost the yachting match May 24, over the course from Gibson Island to Poplar Island in the Chesapeake Bay, when his craft, Sunny, was beaten by the sloop Ariel.

FLUORSULPHONIC ACID (SO_3HF)
Now available in tank cars or drum lots
FLUORINE PRODUCTS Division of Sterling Products Company **Easton, Pa.**

Economy Results from Scientific Strength

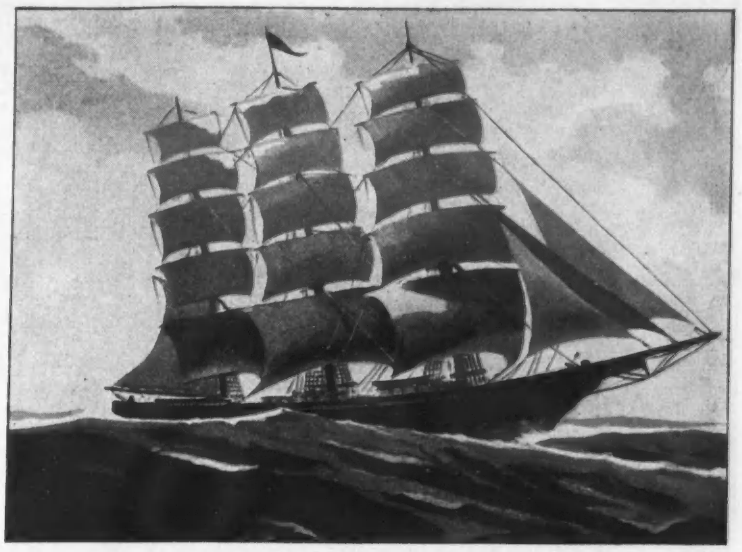
Hackney containers have proved economical containers for the chemical industry.

In their production, the cold-drawing method . . . heat treating . . . special Hackney welding . . . and other factors combine to provide unusual strength.

For two reasons this strength assures an economical container. First, because Hackney cylinders have the ruggedness to stand up under hard service. Second, because scientific design keeps down the weight of Hackney containers.

When strength is combined with moderate weight, an economical container is the result. That is why Hackney cylinders, and barrel and drums as well, are serving so many leading chemical shippers.

Hackney MILWAUKEE **PRESSED STEEL TANK COMPANY**
208 S. La Salle St. Bldg., Room 1143, Chicago — 662 Roosevelt Bldg. Los Angeles
1319 Vanderbilt Concourse Bldg., New York — 6615 Greenfield Ave., Milwaukee
Containers for Gases, Liquids and Solids



PIONEERS
in CHEMICALS *for* INDUSTRY
since 1850

Eighty-five years ago, when the Pennsylvania Salt Manufacturing Company was organized, the famous "Yankee Clipper" ships were speeding around the world with American cargoes for foreign lands. They not only established new speed records, but they pioneered in the Arctic and the Tropics . . . in foreign seas and foreign ports . . . wherever the demands of commerce and industry could be met.

Just as history was being made by our Merchant Marine at this time . . . so was it being made in chemicals for industry.

In 1850, this company was established.

In 1898, we determined to go into large scale electrolytic production of Chlorine and Caustic and built our Wyandotte Plant on the Detroit River overlying enormous salt beds.

In 1909, the first tank car of Liquid Chlorine ever shipped . . . was shipped from this plant.

In 1928, the big, new electrolytic Alkali Plant at Tacoma, Washington, was built.

And now, in 1935, we are still pioneering in the production of pure chemicals for industry.

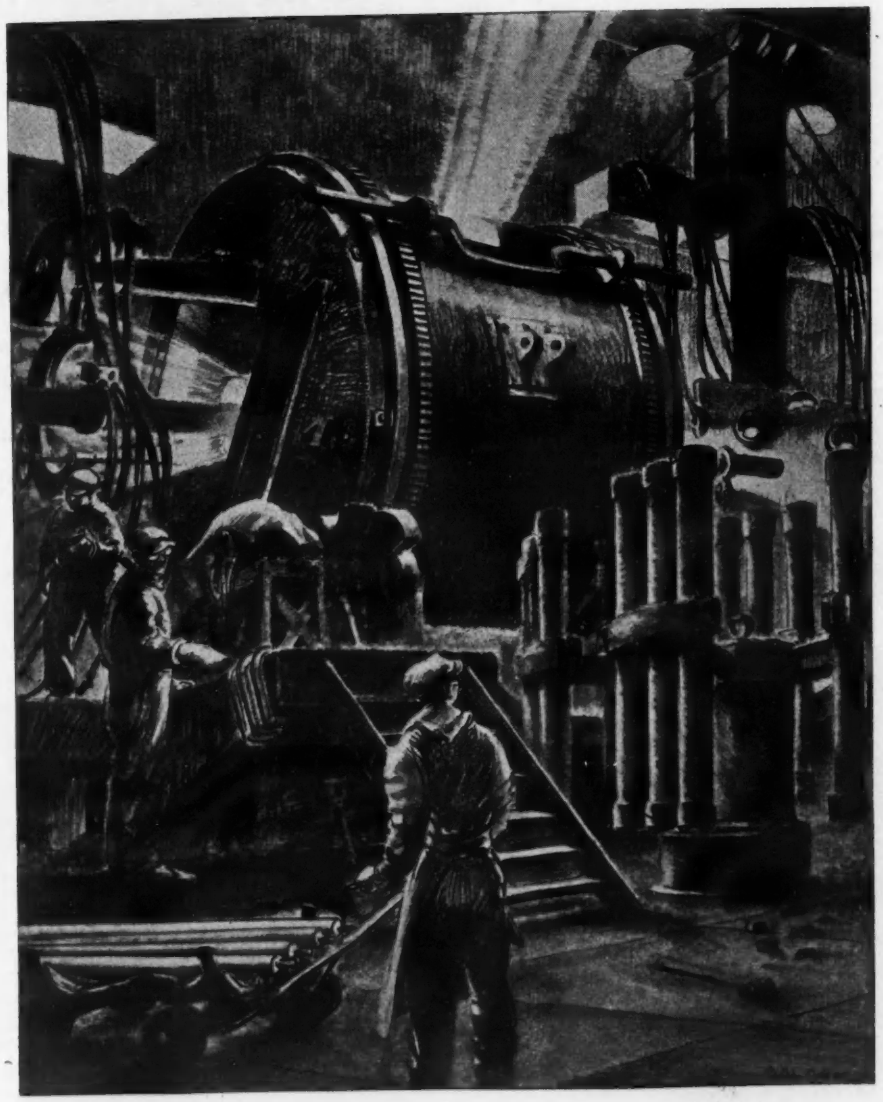
ACIDS	CHLORINE
ACID PHOSPHATE	FERRIC CHLORIDE (Anhydrous and 39% to 45% Liquor)
ALUMINA HYDRATE	KRYOLITH (Natural Greenland)
ALUMINUM CHLORIDE	PENCHLOR ACID PROOF CEMENT
ALUMS	PERCHLORON (Made in U.S.A.) (super-test calcium hypochlorite)
AMMONIA (Anhydrous)	SALT
AMMONIUM PERSULPHATE	SODA ASH
BLEACHING POWDER (standard strength)	SODIUM ALUMINATE
CARBON BISULPHIDE	SODIUM BICARBONATE
CARBON TETRACHLORIDE	SULPHATE of ALUMINA
CAUSTIC SODA	

Est. 1850 **PENNSYLVANIA SALT MFG. CO.**
EXECUTIVE OFFICES, WIDENER BLDG., PHILADELPHIA, PA.
Branch Sales Offices: New York — Chicago — St. Louis — Pittsburgh — Tacoma — Wyandotte

A Group of Those Attending the 1936 S.O.C.M.A. Outing.

(Other pictures on pages 28 and 32)

FOR YOUR SUCCESS IN THE CHEMICAL AGE



● The world is well aware that we are on the threshold of a great new chemical age. Every industry *must* now adapt itself to new laboratory discoveries... new processes and methods demanding chemicals. One of the greatest assets a manufacturer can now have is an efficient, dependable source of supply. Cyanamid offers the benefits of a nationwide delivery service... extensive research activity... capable technical cooperation... and the assurance of uniform materials carefully produced. These are assets worth having... designed to simplify your production problems... increase your standards of quality... and make for your success in the chemical age.

Above is a scene in the metal industry, where Cyanamid service is active in simplifying problems and helping to keep production running smoothly.

American Cyanamid & Chemical Corporation

30 ROCKEFELLER PLAZA • NEW YORK, N. Y.

S.O.C.M.A. Outing Has Large Golf Attendance

More than sixty entries were recorded in the golf tournament held as part of the outing of the Synthetic Organic Chemical Manufacturers Association June 5 at the Seaview Golf Club, Absecon, N. J.

The winners in the various events were: Blind bogey contest: Henry Bower, of the Henry Bower Chemical Manufacturing Company, Philadelphia; Ralph E. Dorland, of the Dow Chemical Company, this city; F. M. Fargo, jr., of the Calco Chemical Company, Bound Brook, N. J.; C. A. Higgins, of the Hercules Powder Company, Wilmington, Del.; S. C. Moody, of the Calco Chemical Company, Bound Brook, N. J.; W. S. Weeks, of the Calco Chemical Company, Bound Brook, N. J.; and V. E. Williams, of the Monsanto Chemical Company, this city.

Lowest number of putts for the round: George H. Kimber, of Solvay Sales Corporation, this city; and W. I. Gallaher, of the Columbia Alkali Company, New York.

Best approach to the seventeenth hole: R. N. Mulliken, of E. I. duPont de Nemours & Co., Wilmington, Del.

Longest drive off the first tee staying in the fairway: K. G. Osborn, of Lamb & Lerch, this city.

The prizes consisted of a fine brief case and a large number of sterling silver articles and the presentations were made at an informal dinner at the club following the contest.

The union dinner, held the evening of June 4 was attended by approximately 155 members and guests of the M. C. A. and S. O. C. M. A.

Reilly Tar & Chem. Co. To Build Cleve. Plant

The Reilly Tar & Chemical Company has contracted for the purchase of coaltar produced in the Cleveland district by the Republic Steel Corporation for a period of twenty years. Distillation of the tar will be made in the new plant of the Reilly Tar & Chemical Company, which will be erected at the cost of approximately $200,000 on ten acres of land, having a 2,100-foot frontage on Independence Road, S. E., Cleveland.

The site for the new plant of the Reilly company is adjacent to thirty-three acres owned by the Republic Steel Corporation, which, under present plans, will be used for future expansion of its steel producing facilities in Ohio and which acreage also adjoins the plant of the Corrigan, McKinney Steel Company, the company and its subsidiary, Newton Steel Company, having been recently purchased by the Republic Steel Corporation.

The Reilly company, of which Peter C. Reilly is president, with executive offices in the Merchants bank building, Indianapolis, Ind., operates fourteen plants at strategic points throughout the country. The plants are located at Chicago, Joppa and Granite City, Ill.; Mobile, Ala.; Seattle, Wash.; Minneapolis, Minn.; Newark, N. J.; Norfolk, Va.; Provo, Utah; Denver, Ohio; Fairmount, W. Va., and Chattanooga, Tenn. The New York sales office is at 500 Fifth avenue.

American I. G. Adds Clark to Board

The American I. G. Chemical Corporation, at a recent meeting, elected E. M. Clark to the board of directors to fill a vacancy; the other eight directors were re-elected. At the organization meeting all the officers were re-elected.

Coaltar Chemicals

Toluol and Solvent Naphtha in Good Demand — Benzol Steady — Crude Naphthalene Quiet — Cresylic Acid Active — Phthalic Anhydride and Betanaphthol Firm

The market for the coaltar chemicals continued active during the week just closed. Prices in all quarters of the market were regarded as firm, and a good portion of the firmness in the general price tone was predicated on the shortage existing in a number of the basic products. A short supply was evident in cresylic acid, naphthalene, toluol, xylol and solvent naphtha. Intermediates and colors were steady to firm.

Demand for cresylic acid continued broad; in fact, the buying was in excess of supplies, with the result that the price position for both the imported and domestic articles was considered nominal. Contract consumers, including the synthetic resin trade, continued to order out full allotments, leaving the spot market bare. Creosote oil demand continued at a good pace, with the buying of such proportion that the surplus stocks were not too plentiful, giving the market a decidedly firm price position. The buying came from the major railroad systems as well as the public utility companies. Phenol demand held up well, with the shipments moving with consistency to the synthetic resin trade, dyestuff intermediate manufacturers and the pharmaceutical industry.

Buying of benzol continued on a fair scale, with the prices holding steady. Reports from the steel industry were that operations reached 70 percent of capacity as compared with 68 percent in the preceding period, and the rise was of an unseasonal nature. Toluol continued in short supply, for a betterment in the place of curtailment occurred in the output of the automobile industry, which was placed at 150,000 units for the week, with the total for June expected to reach 400,000 units. However, indications were that some slackening would take place in the July output of automobiles. Solvent naphtha and xylol purchases were equivalent to actual production, with spot market said to be without supplies.

The market for crude naphthalene was quiet, for the major portion of the seasonal demand from the refiners has been completed, but in spite of the quiet, prices were holding near the levels of the previous week, for stocks were not too plentiful. Salicylic acid demand was fair during the week, with the prices holding unchanged. Anilin oil shipments were moving out in good volume, and a firm tone governed the dealings. Betanaphthol and phthalic anhydride continued firm. Call for colors was fairly good at times, but it was apparent consumers were covering for immediate needs only.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None.

Reduced

None.

Comparative Values

Index number compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.4	126.4	126.4	122.6

Market news that may have developed after this report was sent to press will be found on page 2.

Basic Products

Benzol.—There was a good inquiry for the various sorts of benzol during the week just closed, with the prices holding steady. Buying orders came from the routine sources, including the rubber trade and the chemical processors. Steel mill operations were estimated at 70 percent of capacity by Iron Age, which is a 2 percent increase over the preceding period. The same source reported that after a month in which the production averaged 71 percent of capacity, this temporary setback late in May is considered remarkable, and it now seems assured that June will be the best month of the year. It was further reported that among the major steel consuming outlets only the automobile agriculture implement makers are lessening their releases. The survey further states that it has become more apparent that it will be physically impossible for mills to complete shipments of all the steel placed at second-quarter prices before July.

Creosote Oil.—A good buying interest was shown in this market, with the call coming from the major railroads and public utility companies, and the prices were regarded as firm. This firmness in the price position of the market could be traced to the favorable statistical position.

Cresylic Acid.—The market here continued to enjoy a broad inquiry from the synthetic resin industry and the other usual consumers, and the price position of the market was strictly nominal, with this situation due directly to the shortage in existence in both the domestic and the foreign market.

Naphthalene.—The market for the crude material was quiet throughout the week just ended, but the price position of the market was relatively unchanged, for stocks abroad were reported to be small, and the prices were about the same as the previous week. Demand for the refined product showed signs of slackening, but a firm tone governed the dealings.

Phenol.—A substantial demand was shown for this product during the week just closed, with the prices displaying a firm tone. Usual consumers, including the synthetic resin industry, pharmaceutical trade and dyestuff intermediate makers supplied the interest.

Solvent Naphtha.—This market continued to enjoy a good demand, with prices for the industrial water white commodity holding firm. Shipments were again equivalent to the actual production. The market for the high flash naphtha was fair, and prices were firm.

Toluol.—The shortage in this material continued unrelieved, with the shipments moving out to the lacquer trade at a fair pace, and prices were firm. Reports from the automobile industry were to the effect that production moved contrary to earlier anticipations, for the weekly output showed a slight rise, but some letdown was looked for in July.

Xylol.—Consumption was equivalent to actual production, with the result the market displayed a decidedly firm tone, but no change occurred in the price schedule.

CHICAGO, June 12.—Coaltar bases are quiet, but there is a healthy undertone almost everywhere in the list of the leading products. Something of an exception seems to be registered in the case of the various grades of benzol, which are barely steady and which are reported offered in some cases at lower prices. Otherwise the market seems steady. Ruling prices exclusive of tax are: Benzol, 90 percent, 17c. to 18c. per gallon; motor benzol, 12c. to 13c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; Creosote oil, grade 1, 12½c. to 13½c.

Coaltar Acids

Anthranilic.—Demand continued irregular for the technical material, but the price position remained unchanged, with a steady tone in evidence.

Broenner's.—Although the demand side of the market was spotty during the week just closed, with the consumers covering when needs reached an urgent point, sellers reported quotations were firm.

Fumaric.—This market had little to offer in the way of betterment, with the call made up of small quantities, but the price tone remained firm.

Gamma.—While the market experienced an irregular call, sellers reported that quotations continued steady to firm.

Salicylic.—A good interest was reported in this market, with the usual consumers furnishing the interest, and prices were unchanged.

Sulphanilic.—Dye makers were placing a fair call, and prices were well maintained.

Other Intermediates

Anilin Oil.—This market continued to note a fair buying movement, with the price tone decidedly firm.

Benzidin Base.—Business in this market continued to be concerned with small quantities, but the prices remained firm at previous levels.

Betanaphthol.—A good inquiry was reported for this material, with the consumers again withdrawing full contract allotments, and the price tone remained firm.

Dinitrobenzene.—Although usual buyers supplied what interest was noted here, with the demand rather dull at times during the week, sellers reported the presence of a steady to firm tone.

Dinitrotoluene.—Nothing new was uncovered in this direction, with moderate quantities making up the call, and a firm tone governed the dealings.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 4

BARRETT CHEMICALS

Barrett
COAL-TAR
CHEMICALS

Barrett Chemicals are the result of 82 years of successful manufacturing experience. They are produced to meet the most exacting demands for quality, uniformity and dependability. Barrett's unmatched service is assured with every order. Phone, wire or write for quotations.

AMMONIA LIQUOR
ANHYDROUS AMMONIA
BARRETAN*
BENZOL
CRESOLS
U. S. P., Meta Para, Ortho
Special Fractions
CRESYLIC ACID
Straw Color and Dark
CUMAR*
Paracoumarone-indene Resin
FLOTATION OILS and REAGENTS
HI-FLASH NAPHTHA
HYDROCARBON OIL
NAPHTHALENE
Crude, Refined Chipped, Flake and Ball
PHENOL (Natural)
U. S. P. 39.5° M. Pt. and 40° M. Pt.
Technical 39° M. Pt.
Technical 82-84% and 90-92%
PICKLING INHIBITORS
PICOLINES
PYRIDINE
Refined, Denaturing and Commercial
QUINOLINES
RUBBER SOFTENERS
SHINGLE STAIN OIL
SOLVENT NAPHTHA
SPECIAL HEAVY OIL
TAR ACID OILS
TOLUOL
XYLENOLS
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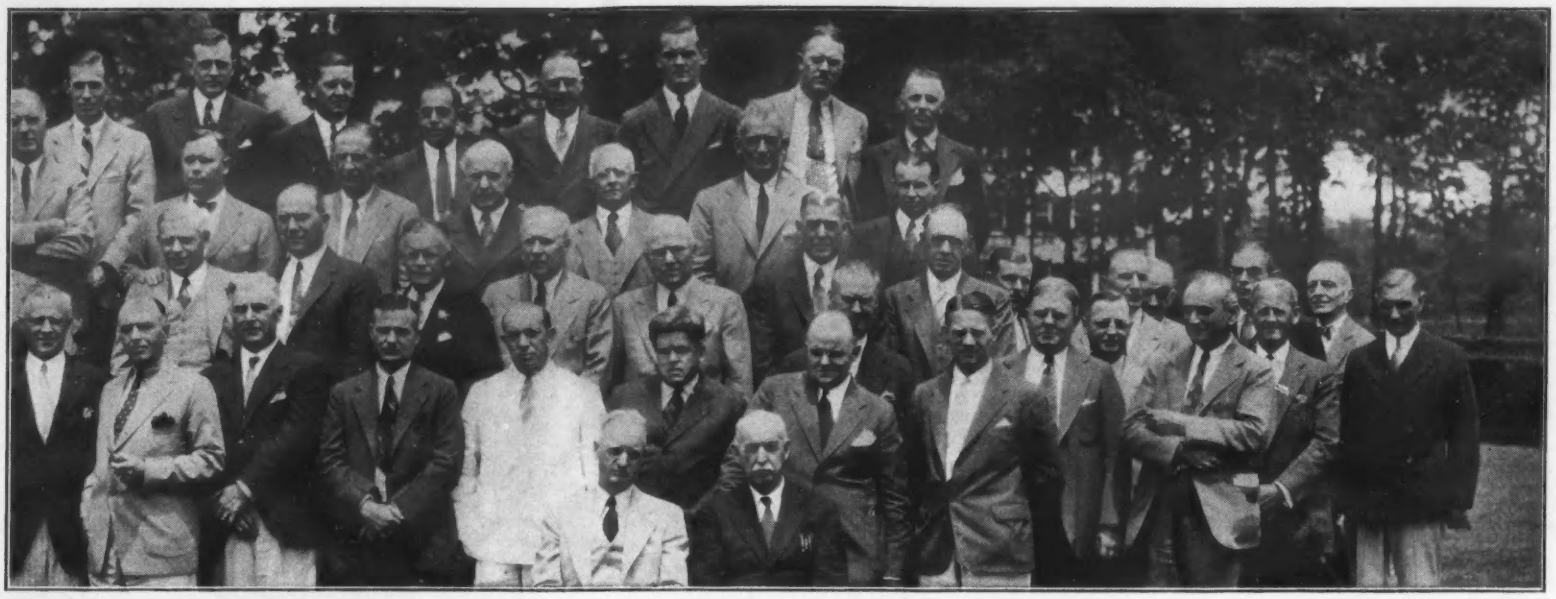

A Group of Those Attending the 1936 S.O.C.M.A. Outing.

(Other pictures on pages 28 and 30)

Metanitroanilin. — Usual consumers supplied a fair call here at times during the period just closed, but a firm tone was a prominent feature.

Metanitroparatoluidin. — Despite the lagging tendency shown on the demand side of the market, sellers reported the prices were well maintained.

Metatoluylenediamine.—Despite the dull character of demand, sellers reported the market was overshadowed by a decidedly firm tone.

Orthonitrobenzene.—A good inquiry continued for this material, with the shipments moving forward at a consistent pace, and the prices were well sustained.

Phthalic Anhydride.—No slackening was shown on the demand side of this market, with the shipments moving forward to routine consumers at a pace indicative of full contract withdrawals, and prices were firm.

Toluidin.—Quiet prevailed in this direction, but the market disclosed a firm tendency, with a portion of the firmness due to the presence of a similar tone in the basic product.

Coaltar Colors

Demand for the coaltar colors was fairly good during the week just closed, with the prices displaying a steady to firm tone. Manufacturing consumers continued to purchase supplies for immediate production requirements only. Word from the cotton cloth industry was to the effect that operations were not showing further downward trend as a result of the betterment in sales. Rayon production in 1935 amounted to 265,142,656 pounds, an increase of 24.2 percent over the 1933 year, which was the last preceding census year. Lighter shades are featured on the Fall hosiery card. Business in the market was concerned largely with the lighter shades of grey, blue and brown. And the call for dyes entering the stains was fairly good, with a steady to firm price tone in evidence.

KOPPERS

BENZOL TOLUOL XYLOL
CRESOL PHENOL
SOLVENT NAPHTHA
CRESYLIC ACID
NAPHTHALENE

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J&L

benzol service

Making benzol to your exact specifications, and providing a continuous supply of like character constitute J & L Benzol Service.

Extensive experience in the use of benzol has given Jones & Laughlin a broad understanding of the varying needs which the manufacture of widely differing products imposes. This experience, together with an expert technical staff and proper production facilities, has equipped J & L to supply benzol to satisfy individual requirements. We will welcome the opportunity of furnishing a sample made to your specifications. Look to Jones & Laughlin, also, for structural steel, pipe, boiler tubes, and all of the other steel products that you use.

J & L LIGHT OIL DISTILLATES

Pure Benzol *Motor Benzol*
Pure Toluol *Solvent Naphtha*
90% Benzol *Xylols*

J&L STEEL

JONES & LAUGHLIN STEEL CORPORATION
AMERICAN IRON AND STEEL WORKS
PITTSBURGH, PENNSYLVANIA

Obituaries

(Continued from page 20)

Cleveland, and Chicago sales offices. He was a widower. A son, Christian F. Brockman, who resides in Longmire, Wash., and a daughter, Miss Lyda C. Brockman, of Seattle, survive. Mr. Brockman was buried in Cincinnati, where he was born.

George H. Huston

George H. Huston, president and founder of Huston, Culver & Co., distributor of fertilizer materials at Seaford, Del., died May 27, at the Church Home and Infirmary, Baltimore, following a major operation performed on the same day. Mr. Huston was 82 years old and had been prominent in the business and social life of Seaford for many years. For a time he was a director of the First National Bank of that town. His wife and a daughter survive.

Henry Clemens Pearson

Henry Clemens Pearson, one of the leading authorities on the rubber industry, died of a heart attack in Pasadena, Cal., June 10. He was seventy-eight years old. Born in LeRoy, Minn., Mr. Pearson went to work for the Tyler Rubber Company, Andover, Mass., and later became manager of the Hayward Rubber Company, and in 1883 worked at Medford, Mass., for the Antimony Company. He was a newspaper man and foreign correspondent, 1885 to 1889 when he founded the India Rubber World, which he edited until its sale in 1926. He visited many of the rubber producing centers of the world, and wrote a long list of books on rubber and its compounding, including contributions on rubber to the Encyclopaedia Britannica. He invented many lawn games played with rubber balls. He was a member of the American Chemical Society, the Rubbers Manufacturers Association, the American Society for Testing Materials, and the Institution of Rubber Industry of London. Surviving is a daughter, Miss Esther B. Pearson.

Henry J. Beck, who for more than four decades was a Chicago oils broker, died at his home in the Orrington Hotel, Evanston, Ill., May 28, after a short illness. He was seventy-two years old. He had been retired from active business for some years. A daughter, Mrs. M. E. Jones, Evanston, survivies.

Henry B. Graves, manager of the Denver office of the Standard Oil Company of Indiana, died June 5, after a short illness. He was thirty-eight years old. Mr. Graves was a native of Morristown, Tenn. Surviving is his wife.

H. Chandler Smith, for seven years representative of Charles Pfizer & Co., manufacturing chemist, this city, died June 11 at Marion, Pa., following a heart attack. Surviving are his wife and three sons, one of whom is in the employ of the Pfizer company.

Gum Importers Hold Annual Golf Contest

The annual outing of the American Gum Importers' Association was held June 9, at the Westchester Country Club, Rye, N. Y., with an attendance of 40 members and guests. Golf prizes awarded to winners in a kickers' handicap were as follows:—C. F. Walden, of Thurston & Braidich, traveling bag; O. G. Innes, of The O. G. Innes Corporation, putter and R. O. Innes, traveling clock; Louis Gillespie, of the Gillespie-Rogers-Pyatt Company, sand wedge and J. T. Gillespie, overnight bag; J. T. Hawxhurst, of S. Winterbourne & Co., golf bag and H. E. Hendrickson, of the same company, service set; and R. M. Boyd, of G. W. S. Patterson & Co., lamp. Prize winners among the non-golfers included George Morris of Gillespie-Rogers-Pyatt, flash light; Joseph Deegan, of the P. S. Busschaert Company, cigar lighter; C. R. Rosevear, of Thurston & Braidich, clock; C. Olson, of Bingham & Co., umbrella; James Bush, of Carl M. Loeb & Co., thermos; and R. E. Nelson, of Miltenberg & Co., toilet kit.

Phila.Drug Exchange Outing

The annual outing of the Philadelphia Drug Exchange, at St. David's Golf Club, Wayne, Pa., was held June 3, with more than 100 participating. Prices in the golf match were awarded as follows:—Low net, A. L. Herman; runner-up, A. B. Hebeler; low gross, J. Mahlon Buck, G. Furman, and C. Ranney; high gross, P. M. Phillips; putting, Edward Murphy and J. M. Rosenberger. There were other contests, followed by a dinner and entertainment. The entertainment committee was:—Chairman, R. G. Anderson, J. F. Belsterling, J. M. Buck, E. L. Brendlinger, F. F. Law, C. E. Vanderkleed, P. S. Pittenger, F. L. Bodman, J. M. Rosenberger, H. C. Halberstadt, H. B. Price, H. E. Reinhardt, jr., B. A. Ludgate, G. F. Applin, and T. Sparks.

Monsanto Extending Illinois Plant

The Monsanto Chemical Company has contracted with the Stone & Webster Engineering Corporation for the design and management of construction of an extension to Monsanto's power plant facilities at Monsanto, Ill. The contract is the latest step in a broad program of the company to increase production facilities. The new work will include an extension to the existing powerhouse and installation of two boilers, each with a capacity of 100,000 pounds of steam an hour and designed for 675 pounds working pressure. Engineering work on this phase of the project, which is estimated to cost about $550,000, will begin immediately.

Niagara Chemical Group Elects

The Niagara District Chemical and Industrial Association has elected the following officers for the next fiscal year:—President, L. G. Patterson, of the North American Cyanamid Company, Niagara Falls; first vice-president, Dr. W. C. Gardiner, of the Mathieson Alkali Company, Niagara Falls; second vice-president, W. H. Macartnet, of the Guaranty Silk Company, St. Catharines, Ont.; secretary, J. B. Jones, of the Ontario Paper Company, Thorold, Ont.; treasurer, J. W. Turner of the Alliance Paper Company, Merriton, Ont. Representatives of various communities embraced in the association were also elected, including:—J. E. Riffer, H. C. McAdam and E. W. Henderson, representing St. Catharines; G. T. Collinson, Niagara Falls; A. P. Murphy, Welland, and W. A. Hicks, Port Colborne, Ont.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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One-hundred-twenty-eighth Instalment

Latex

Vulcanization Accelerators for Latex

(Continued from June 8 issue)

Dithiocarbamic acid ammonia derivative with cyclohexanol
Dithiocarbamic acid ammonia derivative with dibromoacetic acid amides
Dithiocarbamic acid ammonia derivative with dibromoacetic acid esters
Dithiocarbamic acid ammonia derivative with dichloroacetic acid amides
Dithiocarbamic acid ammonia derivative with dichloroacetic acid esters
Dithiocarbamic acid ammonia derivative with glycolchlorohydrin
Dithiocarbamic acid ammonia derivative with hydroxyethylamine
Dithiocarbamic acid anilin derivative with benzyl alcohol
Dithiocarbamic acid anilin derivative with carbon bisulphide and an inorganic base
Dithiocarbamic acid anilin derivative with cyclohexanol
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Dithiocarbamic acid dibutylamine derivative with hydroxyethylamine
Dithiocarbamic acid dimethylamine derivative with benzyl alcohol
Dithiocarbamic acid dimethylamine derivative with carbon bisulphide and an inorganic base

(To be continued)

TRIETHANOLAMINE
replace with
TRIGAMINE

This new emulsifying base has these big advantages:

✓ PLEASANT ODOR
✓ LOW ALKALINITY
✓ DOES NOT DISCOLOR WITH AGE

SOLUBILITY: Trigamine is completely soluble in water, glycerin, glycol and 50% alcohol. Immiscible with organic solvents.

SPECIFIC GRAVITY: 1.17 (25°C.). Weight per gallon: 9⅔ lbs.

Here are just a few of the many applications of Trigamine

FOR MAKING SOAPS—In combination with fatty acids, Trigamine forms stable soaps which do not discolor with age. Trigamine Stearate is a white, wax-like solid. It is not gelatinous when melted but forms an easily pourable fluid. It has a lower pH than Triethanolamine Stearate, giving white, stable emulsions of low alkalinity. Trigamine Oleate is a red, non-gelatinous liquid, easily handled, which forms stable white emulsions with oils.

AS A PLASTICIZER—Being non-drying and practically non-volatile at ordinary temperature, Trigamine is suggested as a plasticizer for shellac and casein. Also, it acts as a solvent in place of fixed alkalies. Water solutions of casein and shellac using Trigamine as the dispersing agent have a much lower alkalinity than the usual solutions made with borax, ammonia, etc.

IN THE TEXTILE INDUSTRY — In addition to its emulsifying properties, Trigamine is valuable in the textile field because of its wetting properties (low surface tension) and detergent action. It is highly recommended for preparing scouring emulsions, lubricating emulsions for wool, sizing and waterproofing emulsions, and soluble oils.

FOR COSMETICS — Trigamine produces creams and lotions which are markedly free from fixed alkalies, and which do not discolor or yellow with age. When you use Trigamine, your vanishing creams will *pour warm*, a great saving in time and labor in packaging. It produces stable creams with a fine pearly lustre.

FOR POLISHES — Rubless water-wax polishes made with Trigamine are outstanding for their high initial lustre and exceptional durability.

PRICE SCHEDULE

500 lb. drums	48 lb. Cans	9⅔ lb. can	Trial can 2 lbs.
30c lb.	38c lb.	40c lb.	55c lb.

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Send for trial can

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Kindly rush a two-pound trial can and descriptive booklet containing many interesting formulas to the address below.

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CHEMICALS GLYCO

N.F.A. to Revise Open Price-Filing

(Continued from page 21)

The registration list showed a convention attendance of 360.

Officers Re-elected

The board of directors, meeting after adjournment of the convention, re-elected the officers of the association as follows:—

President, A. D. Strobhar, of the Southern Fertilizer & Chemical Company, Savannah, Ga.

Vice-president, W. T. Wright, of the F. S. Royster Guano Company, Norfolk, Va.

Executive secretary and treasurer, Charles J. Brand, 616 Investment building, Washington.

The directors also selected the following to constitute the executive committee:—

W. T. Wright, of the F. S. Royster Guano Company, Norfolk; Louis H. Carter, of the American Agricultural Chemical Company, New York; A. L. Ivey, of the Virginia-Carolina Chemical Corporation, Richmond; L. W. Rowell, of the Swift & Co. Fertilizer Works, Chicago; A. D. Strobhar, of the Southern Fertilizer & Chemical Company, Savannah; O. F. Smith, of the Smith-Douglass Company, Norfolk; B. H. Brewster, jr., of the Baugh & Sons Company, Baltimore; J. A. Miller, of the Price Chemical Company, Louisville; Bachman Smith, of the Maybank Fertilizer Corporation, Charleston, S. C.; William E. Valliant, of the Valliant Fertilizer Company, Laurel, Del.; Evan H. Jones, of the Apothecaries Hall Company, Waterbury, Conn.

Following the singing of "America" at the first session, Rev. Ben R. Roller, of the local Episcopal church, offered an invocation, stressing the need for guidance away from selfishness and toward consideration for the general welfare.

This was followed by a showing of lantern slides, accompanied by an electrical sound transmission of explanation and comment, tracing the activities of the association and its service staffs during the preceding year.

President's Address

Efforts directed to the correction of competitive evils in the fertilizer industry were the basis of the presidential address of A. D. Strobhar. The effort to get approval by the Federal Trade Commission of an industrial code of fair practice was reviewed. Because of the slowness of progress in this movement, two efforts had been made under the direction of Mr. Strobhar to get voluntary acceptance of fair trading precepts, one with mixers, the other with the superphosphate group. Both of these had failed, he said.

It was apparent, Mr. Strobhar continued, that it was impossible—if desired at all—for management to control the marketing methods of the industry. The resulting condition, because of inadequate leadership, he said, had been a return to conditions of some five years ago, and in the controlling desire to get volume of business at whatsoever cost, stockholders of the companies suffered; but, he added, management continued to get its pay. The losses to the industry had been particularly severe in the Southeast, he declared, and they had arisen from causes for which there had been no reason.

The 'Trust' Probe

Because of the unprofitableness of the industry's transactions the revival of a plea in Congress for investigation of the fertilizer industry as a trust seemed to Mr. Strobhar to be absurd. He referred to the widespread regret that the industry had not vigorously contested the same charges when they had been made several years ago.

Mr. Strobhar said that stabilization of marketing in the industry required a means of enforcing fair trading rules. He believed that the industry knew enough to avoid conflict with the anti-trust laws, and he pointed out that the courts have held that these laws do not penalize voluntary efforts to eliminate instability. Open competition, open filing of prices are legal, he continued, as long as there is no compulsion to abide absolutely to a price schedule for any fixed period.

The industry has suffered repeatedly the losses caused by unfair competition which enforced uniform prices—at the lowest level—he said. Under the NRA code, without penalizing power, some good had been done, but there had been a retrogression since the invalidation of the codes. He stressed the point that no plan of stabilization would be long observed unless infractions were punishable. He made a special plea that competition in price be open and that secret rebates be abandoned.

Another point made by Mr. Strobhar was that mixers should promote the sale of mixed fertilizers, rather than of straight materials. He urged particularly that in the sale of materials no special terms of credit be given, advising that selling for cash was preferable.

Needs of the Industry

The needs of the fertilizer industry, in the opinion of Mr. Strobhar are six: —Voluntary self-government; assistance for agriculture in retaining American markets for American products; study of the relationships of the co-operative movement to the industry; combatting of governmental activities inimical to the industry; an earnest bid for public respect and confidence; promotive work among consumers.

He felt that government should not discriminatorily help co-operative organizations, and he believed that the attitude of certain church authorities favoring the co-operative movement by condemning the profit system was unsound. He spoke of the practical results of fertilizer experimentation as indicating that standard mixtures are preferable to concentrates in line with the T.V.A. program, and he urged careful scrutiny of the progress of that movement.

Competitive methods must be reformed if public respect and confidence are to be won, he declared. He asked that destructive practices be halted; that there be no return to the profitless methods that prevailed for several years before the code gave them a temporary check. His final word was that the industry had an opportunity for self-improvement—"What will we do with it?"

Agricultural Credits

An illuminating outline of the work of the Farm Credit Administration was given by Dr. William I. Myers, governor of that agency. He pointed out that agriculture long has had a chronic credit problem caused by the ever-recurring succession of new generations of owners in what is the last remaining large personal industry. He said that the co-operative movement was adopted in order to meet conditions caused by the general corporate type of business with which the farmer must deal.

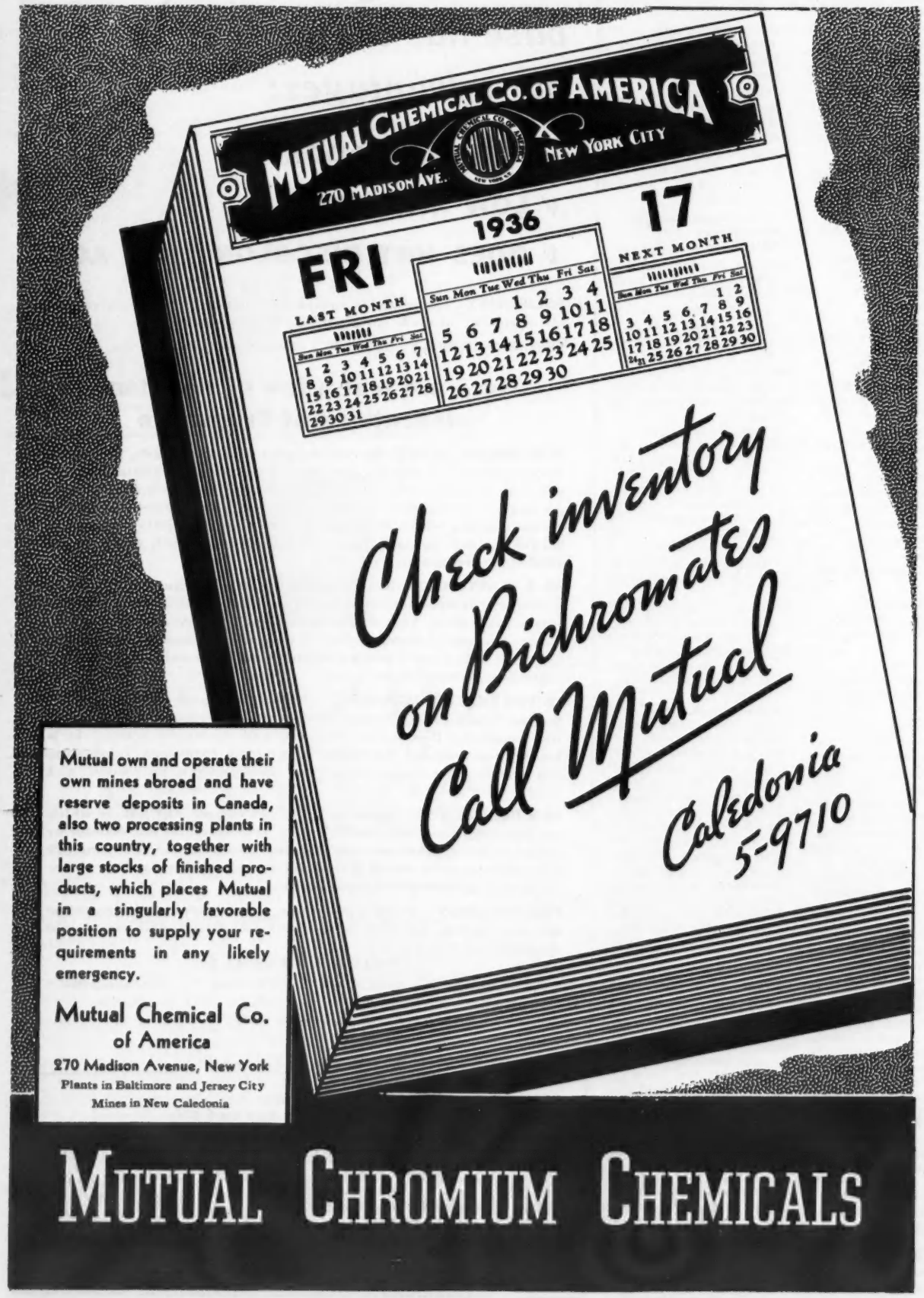
The acute problems of agriculture are those with which F.C.A. functions have chiefly to do, Dr. Myers said. These have arisen from the maladjustment of the relationship of farm income to operating costs (interest rates and the like) in the recent past. They were aggravated by droughts and other adverse agencies until the interest cost was doubled, but it has been reduced to the level of a decade ago, although for the mortgaged farmers, constituting about one-third of agriculture, the cost is over 13 percent of gross income, being about 4.5 percent of the income of agriculture as a whole.

To meet the credit needs of agriculture the Farm Credit Administration centralized control of this service and undertook extensive necessary emergency refinancing and financing of farm debts. It has made loans on 760,000 applications, to a total of well over two billion dollars. Dr. Myers told of the six or seven phases of this loan service, emphasizing the fact that it is not in large part the loaning of government funds but the providing of adequate, permanent credit service of a co-operative type based on the sale of securities not guaranteed by the government. The plan, he said, is to help farmers help themselves, and the repayments have been up to reasonable expectations and encouraging.

Need for F.C.A.

Private credit agencies have a place in the farm credit service, Dr. Myers said; but they have not been adequate, although this condition is being improved. The F.C.A. service affords, as private service did not adequately provide, he said, credit terms that could be met under the orderly operations of farming. Short-term mortgages he considered unsound because it requires six years, at least, for a farmer's gross income to equal his capital investment. Amortized repayment is highly desirable, he continued.

(Continued on page 35)



Mutual own and operate their own mines abroad and have reserve deposits in Canada, also two processing plants in this country, together with large stocks of finished products, which places Mutual in a singularly favorable position to supply your requirements in any likely emergency.

Mutual Chemical Co. of America

270 Madison Avenue, New York

Plants in Baltimore and Jersey City

Mines in New Caledonia

MUTUAL CHROMIUM CHEMICALS

Dyestuffs and Textile And Leather Chemicals

J 1 Myrobalans Lower—Other Sorts Strong—Egg Products Active—Valonia Prices Nominal — Bichromates Continue Firm — Corn Derivatives in Fair Demand—Zinc Dust Steady

The market for dyestuffs and tanstuffs moved through a quiet week, with the textile and tanning industries purchasing supplies only when needs reached an imperative stage. The cautious buying policy could be attributed to the desire to hold down stocks because of the near approach of the seasonal summer slackening in certain units. Price change was supplied by a lower quotation for J1 myrobalans.

The lowering of the prices for J1 myrobalans was due to the good volume of stocks on hand, while the prices for J2 myrobalans was strong, due to the relatiyely small volume in stock. Mangrove bark held firm, although it was apparent consumers were remaining aloof from the dealings until needs became urgent. Valonia beards continued in a nominal p- position, because of the small supply on hand, the last crop having been very short. Wattle bark was quiet. Business in ground sumac continued to be transacted subjected to a confused price situation. Word from Boston was to the effect that the shoe shows were successful, for a substantial volume of business was booked.

Business in the egg products continued good, and prices for egg albumen were firm as well as for egg yolk. And the firmness in these products could be traced to the limited amount of stocks on hand, plus the fact that the arrival of the new crop to the United States from the primary source will not be for several weeks as yet. Frozen eggs moved through a dull week. Total stocks of shell eggs in storage May 1, 1936, amounted to 3,031,000 cases as compared with 3,901,000 cases May 1 last year, and 4,308,000 cases for the 5-year average for May 1.

The market for the dyestuffs continued to reflect the mixed character of operations in the textile industry. Archil and annatto as well as cochineal and fustic continued steady to firm, although the interest continued to be concerned with immediate production wants only. Bichromates continued to display a firm tone, and the firmness could be attributed to the representative quantity shipped against contracts for the month of June thus far. Corn derivatives revealed little change, with quotations well maintained. The buying of zinc dust was fair, and a steady tone prevailed, mirroring the condition existing in the basic metal.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Myrobalans, J1, $1.50 per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.5	152.5	152.6	151.8

Market news that may have developed after this report was sent to press will be found on page 2.

Chemicals

Alumina Chloride.—Business continued at a good pace during the week just ended, with the shipments moving to the pharmaceutical and dye trades in consistent fashion, and prices were well maintained.

Antimony Salt.—The call showed little improvement during the period under review, with the buyers endeavoring to hold commitments to actual wants, and prices were identical to the quotations in effect previously.

Potash Bichromate.—There was a fairly active buying movement in evidence here during the week just closed, with the shipments moving at a pace indicative of covering for nearby requirements, and the prices were decidedly firm.

Potash Prussiate.—This market offered little variation from recent weeks, with the shipments of the red material restricted to conservative quantities, but the prices were steady. The call for the yellow article was spotty but no change was uncovered in the quotations.

Soda Bichromate.—A good inquiry was shown for this material, with the call coming from the routine consumers, and the prices were firm at the levels in effect previously.

Zinc Dust.—A steady tone prevailed in this direction again last week, with the steadiness due to the prevalence of a similar tone in the basic metal, and shipments moved forward at a fairly good clip.

Dyestuffs

Annatto.—This market continued to move at a slow pace during the week, with the call for the paste and seed materials confined to jobbing quantities, and prices were steady to firm at the levels in force previously.

Archil.—What activity was in evidence here was due to covering for immediate production wants, and prices ruled unchanged at the levels of the preceding period.

Cochineal.—The market for the Teneriffe silver as well as the grey material continued at a dull pace during the week just closed. It was quite apparent that the carmine industry and other routine consumers were purchasing for actual wants only.

Fustic.—Shipments moving for the account of the textile industry indicated that some divisions were at seasonal low levels, but the highly irregular demand failed to have an influence on the market pricewise.

Hypernic.—This market revealed little change during the course of the week just closed, with the demand quiet but the price tone remained steady to firm.

Indigo.—The market for the natural material continued slow throughout the week, but the limited amount of material on hand gave the market a firm tone. The buying of the synthetic article was fairly good, and sellers reported the presence of a steady to firm tone.

Logwood.—This market offered little improvement, with the demand side of the market limited to immediate needs, but the prices held steady at the levels in force previously.

Quercitron.—Business was spotty, but the quotations were in conformity with the schedule in force previously.

Sizing Materials

Albumen.—The market for the edible egg material continued to display a firm tone, with the firmness resulting from the limited amount of material on hand here, for the shipments of the new crop were not expected here before July. The market for the blood item was fair, and quotations were steady.

Dextrin.—The market for the corn derivatives offered little change from recent weeks, with the exception that the price tone appeared slightly firmer, for the consumers continued to adhere to the practice of purchasing for immediate production wants only.

Egg Yolk.—This market noted a firm tone throughout the week, with the firmness reflecting the limited amount on hand here. Reports about the trade had it that the major portion of stocks arriving here were entering direct consumption, and the new crop was not expected to arrive here before July.

Frozen Eggs.—The market on the New York Produce Exchange was dull. On Friday June whole mixed futures closed at 16.85c. to 17.75c.; July, 16.80c. to 17.75c.; August, 17.00c. to 17.85c.; September, 17.10c. to 17.90c. Spot nominal.

Starch.—A firm tone governed the dealings in this market during the course of the week just closed, with the shipments of the corn derivatives moving forward at a fair pace. The market otherwise is quiet, with the prices for potato starch showing a slightly better price tone.

Tanning Materials

Divi-Divi.—Demand here continued negligible, with the prices nominal at $35 per ton.

Gambier.—The call for the common material continued at a highly irregular pace during the week, with the prices holding unchanged. Busniess in the Singapore cubes and plantation article revealed an inclination on the part of the consumers to purchase for actual wants only, and prices were about the same as the preceding period.

Mangrove Bark.—Although the demand side of the market underwent little betterment, with the shipments moving forward at well spaced intervals, sellers reported the market noted a firm tone at $27 per ton.

Myrobalans.—The prices for the J1 material were lower, with the quotation listed at $21.75 per ton, and the decline in the price could be attributed to a fairly large volume on hand, and the price for the J2 material was strong, with sellers reporting stocks were at a comparatively low level.

Quebracho.—There was a fair demand reported for this material throughout the period just closed, with the shipments moving forward at a consistent pace, and the prices ruled firm, with the firmness due to the fair volume of business on the books for shipment during the balance of the month. Prices were unchanged.

Sumac.—The market for the ground sumac noted a rather confused price situation, with the price ranging from $55 to $61 per ton, with a number of factors responsible for the confused market price position. Prices for the stainless extract was firm.

Valonia.—The market for the beards was strictly nominal, and the nominal price position could be attributed to the limited amount on hand, with some sellers reporting that prices ranged as high as $80 per ton.

Wattle Bark.—The market here was spotty and prices ranged from $26.50 to $28 per ton.

N.F.A. to Revise Open Price-Filing

(Continued from page 34)

The farmer needs a dependable source of credit, he said, available under all conditions of financial operations and in every locality. This service must be stable, not lavish in boom times and unavailable in times of stress, said Dr. Myers, emphasizing the point that land booms bring grief to farmers and to those, who finance their unwarranted expansion.

Farmers need credit at a low cost, Dr. Myers said. F.C.A. interest rates reflect those in the investment market, are flexible. Even the farmer does not want a subsidized, fixed long-term rate. The administration supplements, and does not supplant, private credit service, he said, and there is a place, a need for both.

In Dr. Myers' opinion, a co-operative method, such as the F.C.A. provides, is much to be preferred to a wholly governmental lending agency in affording adequate credit facilities for agriculture.

Fertilizer Developments

"New Developments in Fertilizer Use" was the subject of a paper by Dr. H. Zimmerley, director of the Virginia Truck Experiment Station. The speaker emphasized as most important the development of fertilizer mixtures that are not acid-forming in the soil. Summarizing the harmful effects on soil and crops of the continued use of acid-forming fertilizers, he attributed these to aluminum toxicity and lack of lime and magnesia. To avoid them he advised the use of dolomitic limestone in a based-down fertilizer, pointing out that desired results could not be got unless the limestone was finely ground, satisfaction being impossible with a mesh of less than 80. He said that raw phosphate rock did not supply the calcium deficiency or antacid effect.

Turning to the so-called minor, or secondary elements of plantfood, Dr. Zimmerley said that the importance of these was being overemphasized, although some of them are frequently necessary. He commented briefly on calcium, magnesium, sodium, manganese, iron, zinc, boron, and copper, and said that usually these were adequately provided in the composition of the major elements or by the soil.

Dolomite, kieserite, and potassium-magnesium sulphate will supply magnesium, he said, the first being the least efficient. When manganese is needed it should be added only as indicated, excesses being avoided—about 50 to 100 pounds of the sulphate per acre annually being sufficient. All such secondary elements, he said, should be mixed in the fertilizer, and their proportions should be carefully calculated, because haphazard additions are harmful.

Rapid tests for the nutrient content of soils were discussed by Dr. Zimmerley. These, he said, must be fitted to the individual soil with full regard for previous fertilizing. The nature of the crop must also be considered. Improvement in test methods is needed, he said; and their application should be in experienced hands.

In connection with his paper Dr. Zimmerley showed some lantern slides of tables, graphs, and plant specimens, showing the effects of avoiding acid-forming properties in fertilizers.

Legal Open Pricing

Open pricing is legally possible, said Charles J. Brand in an address on "Open Pricing Within the Law," but it is imperative that a legal plan be not invalidated by unlawful practices in its operation. Mr. Brand, citing the Sugar Institute case, pointed out carefully the necessity of avoiding all compulsory adherence to a filed price schedule. He said that the plan proposed for the fertilizer industry avoided this illegality and also provided full information for the distributing trade and for consumers.

The fertilizer plan, Mr. Brand continued, imposed no waiting period, and allowed full freedom of action. Its value lay in the information it would make available to bring competition into the open, in the elimination of misleading rumors, and in the promotion of fair practices through prevention of secret rebates, unlawful discrimination, selling below cost, and commercial bribery.

Because of the close relations of the industry to agriculture, its efforts for price stabilization must be well considered and carefully constructed, Mr. Brand said, if official approval was to be had. It was particularly necessary, he continued, that no inside informative scheme be included, such as the prognostications and the interpretations of statistical data as had been outlawed in the hardwood case. In this connection he made the following comment on the effects of the industry's efforts for stabilization on prices which the farmer must pay:—

Open pricing and observance of better trade practices did not adversely affect the farmer during the two years in which our industry operated under its code. Wholesale prices during that period advanced 34 percent, but an investigation by the Department of Agriculture disclosed that the increase in the retail price of fertilizer to the farmer was less than 15 percent. Prices now being received by farmers for their commodities are 4 percent above the 1910-14 average, whereas all commodities they purchased, including fertilizer, are 21 percent above the prewar price level and the price now being paid for fertilizer is 5 percent below the prewar level.

(Continued on page 65)

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLE, 205 Fulton Street, NEW YORK
Telephone: Cortlandt 7-1460-1461 Cable Address: "Fezan," N. Y.

NIACET PRODUCTS
Acetic Acid Glacial and U. S. P.
Acetal
Acetamide
Acetaldol
Paraldehyde
Acetaldehyde
Crotonic Acid
Iron Acetates
Methyl Acetate
Crotonaldehyde
Aluminum Acetate
Aluminum Formate
Sucrose Octa Acetate
Other Acetate Salts

NIACET
ALUMINUM ACETATE
20% SOLUTION
for
WATER REPELLENT FINISHES
Standard purity, uniformity, stability guaranteed
NIACET
CHEMICALS CORPORATION
Sales Office and Plant Niagara Falls, N. Y.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 4

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Four-Hundred-ninety-third Recapitulative-Instalment

(arenthetical references are to the numbers of patents in the United States or other countries, as designated)

Betabutoxyethylfluorene 9-Carboxylate

Ceramics

Plasticizer (U.S. 1975697) in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 1975697) for—
Cellulose acetate, nitrocellulose, or other esters or ethers of cellulose

Electrical

Plasticizer (U.S. 1975697) in—
Insulating compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 1975697) in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used in the manufacture of non-scatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Plasticizer (U.S. 1975697) in—
Adhesive compositions containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose

Leather

Plasticizer (U.S. 1975697) in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metallurgical

Plasticizer (U.S. 1975697) in—
Coating compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 1975697) in—
Coating compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used for protecting and decorating various products

Paint and Varnish

Plasticizer (U.S. 1975697) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose

Paper

Plasticizer (U.S. 1975697) in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Plasticizer (U.S. 1975697) in making—
Films from cellulose acetate, nitrocellulose or other esters or ethers of cellulose

Plastics

Plasticizer (U.S. 1975697) in making—
Laminated fiber products
Molded products
Plastics containing nitrocellulose, cellulose acetate, or other esters or ethers of cellulose

Resins

Plasticizer (U.S. 1975697) in—
Resin-nitrocellulose compositions and solutions

Rubber

Plasticizer (U.S. 1975697) in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used as coatings for decorating and protecting rubber products

Stone

Plasticizer (U.S. 1975697) in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 1975697) in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used in the manufacture of coated fabrics

Woodworking

Plasticizer (U.S. 1975697) in—
Compositions, containing cellulose acetate, nitrocellulose, or other esters or ethers of cellulose, used as protective and decorative coatings on woodwork

---

Bromopinene Nitrate

Petroleum

Primer (Brit. 436027) for—
Diesel engine fuels (lowers ignition point)

Bromostearic Acid Nitrate

Petroleum

Primer (Brit. 436027) for—
Diesel engine fuels (lowers ignition point)

Chlorostearic Acid Nitrate

Petroleum

Primer (Brit. 436027) for—
Diesel engine fuels (lowers ignition point)

Cyclohexylaminoacetonitrile

Glass

Stabilizer (Brit. 437304) for—
Halogenated rubber derivatives used as cements for laminated glass

Miscellaneous

Inhibitor (Brit. 437304) of—
Photochemical action.

Paper

Stabilizer (Brit. 437304) for—
Halogenated rubber derivatives used for impregnating or coating wrapping paper

Rubber

Stabilizer (Brit. 437304) for—
Coating and impregnating agents made from halogenated rubber derivatives and used for treating fabrics to be used as wrapping materials
Transparent films or sheets made from halogenated rubber derivatives

---

4-Delta^2-cyclohexenyl-amino-1-phenyl-2:3-dimethyl-5-pyrazolone

Pharmaceutical

Suggested (Brit. 433053) for use as—
Febrifuge Sedative

1:4-Dichlorobutanol-2

Petroleum

Solvent (Brit. 435096) in—
Refining mineral oils

Dichloro-tertiary-butyl Alcohol

Petroleum

Solvent (Brit. 435096) in—
Refining mineral oils

1:2-Dicyclohexyl-3-methyl-5-pyrazolone

Pharmaceutical

Suggested (Brit. 433053) for use as—
Febrifuge Sedative

Diethylacetylquinine Hydrochloride

Pharmaceutical

Claimed (Brit. 433261) as—
Water-soluble and practically tasteless form of quinine

Dihydrodeoxymorphine-D

Pharmaceutical

Claimed (U.S. 1980972) as—
Preparation having physiological properties of morphine, but less toxic

---

Di-isobutylamine

Insecticide

Suspension promoter for—
Insoluble powdered insecticides

2:6'-Dimethyl-1'-ethyl-4:5-benzoxaisocyanin

Photographic

Sensitizer (Brit. 432969) for—
Silver halide emulsions (sensitizing maxima: 515 mu)

Methyleneaminoacetonitrile

Glass

Stabilizer (Brit. 437304) for—
Halogenated rubber derivatives used as cements for laminated glass

Miscellaneous

Inhibitor (Brit. 437304) of—
Photochemical action

Paper

Stabilizer (Brit. 437304) for—
Halogenated rubber derivatives used for impregnating or coating wrapping paper

Rubber

Stabilizer (Brit. 437304) for—
Coating and impregnating agents made from halogenated rubber derivatives and used for treating fabrics to be used as wrapping materials
Transparent films or sheets made from halogenated rubber derivatives

---

Trichloro-tertiary-butyl Succinate

Ceramics

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 1946643) for—
Cellulose acetate

Cosmetic

Plasticizer (U.S. 1946643) in—
Nail enamels and lacquers containing cellulose acetate as a base material

Electrical

Plasticizer (U.S. 1946643) in—
Insulating compositions, containing cellulose acetate, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used in the manufacture of non-scatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Plasticizer (U.S. 1946643) in—
Adhesive compositions containing cellulose acetate

Leather

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metallurgical

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for protecting and decorating various products

Paint and Varnish

Plasticizer (U.S. 1946643) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose acetate

Paper

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used in the manufacture of coated papers and as coatings for protecting and decorating products made of paper or pulp

Photographic

Plasticizer (U.S. 1946643) in making—
Films from cellulose acetate

Plastics

Plasticizer (U.S. 1946643) in making—
Laminated fiber products
Molded products
Plastics from cellulose acetate

Resins

Plasticizer (U.S. 1946643) for—
Resin- cellulose derivative compositions and solutions

Rubber

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for decorating and protecting rubber products

Stone

Plasticizer (U.S. 1946643) in—
Coating compositions, containing cellulose acetate, used for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used in the manufacture of coated textile fabrics

Woodworking

Plasticizer (U.S. 1946643) in—
Compositions, containing cellulose acetate, used as protective and decorative coatings on woodwork
Plastic compositions, containing cellulose acetate, used for many filling and repairing purposes on wood

---

Trimethylcyclohexane

Petroleum

Solvent (Brit. 436044) in—
Flushing oil composition for internal-combustion engines; flushing oil is based on light lubricating oil of either paraffinic or naphthenic origin and contains various other products; naphtha, isopropyl alcohol, or acetone may be added to reduce the viscosity; practice is to flush (1) with oil containing a high proportion of solvent to remove most of the sludge, (2) with oil containing a lower proportion of solvent

Paint, Varnish, Lacquer Materials

Dry White Lead, White Lead-in-Oil and Red Lead-in-Oil Contracts Offered for Third Quarter at Unchanged Prices—Imported Zinc Oxide Lower — Stearates Unchanged

Corroders of dry white lead, white lead-in-oil and red lead-in-oil are now booking for the third quarter of the year at the prices that have been in force during recent months. Forward booking of lead products began last week following a similar step by the makers of lead-free and leaded zinc oxides a week ago. Manufacturers of lithopone and titanium pigments have been accepting contracts on July-December business for the past two or three weeks. As reported previously, carbon black and chemical dry colors will not undergo any chance in contract price as the market opens the third quarter of the year. Last week manufacturers of stearate driers joined the ranks of sellers soliciting third quarter business at unchanged prices. The stearate position for the next ninety days had been uncertain as a result of lower acid prices during the quarter that is now drawing to an end.

Paint, varnish and lacquer chemicals lost their added activity of a week ago. Some of the importantly used commodities, such as metallic pigments, slowed down measurably last week. Some of the market factors were fearful that last week's lull signalizes the terminus of the Spring season as in the case of the 1935 season which also got a late start and was expected to extend beyond June but failed to do so when the hot weather arrived. Trade was quite slow in spots during the past week.

Imported French zinc oxides were lower in price last week, having been reduced on Tuesday. Casein was higher in some directions although some sellers were still offering the domestic product at the price levels that were in force a week ago.

Turpentine and rosin quotations had a reactionary tendency at times last week. Demand from consumers and dealers fell off to some extent, apparently as a result of the strength that developed following the announcement from Washington with respect to government financial aid for producers. Receipts at primary points showed an increase and this was not without some effect upon the attitude of buyers. Export sales of rosin were fair though smaller than in recent preceding weeks.

The volume of construction work started in May was more than 70 percent greater than May, 1935, totaling $216,070,700 in 37 states east of the Rocky Mountains. During May, 1935, a total of only $126,720,100 was reported while in April of this year the total was $234,631,600, according to F. W. Dodge Corporation.

For the first five months of 1936 total construction in the 37 eastern states amounted to $996,523,600. This was an increase of 81 percent over the volume of $548,501,600 reported for the corresponding five months of last year.

The May, 1936, figures showed a total of $70,253,400 for residential building; $82,251,700 for non-residential building; and $63,565,600 for public works and public utilities of cival engineering types. This latter category, with an increase of 100 percent showed the largest relative gain over the total for May of last year. In point of gain over last year non-residential building was next with an increase of 63 percent over the May, 1935, total. Residential building started in May of this year recorded an advance of 56 percent over the residential total for May a year ago.

For the first five months of the current year residential building in the 37 states amounted to $261,240,000, a gain of 65 percent over the volume reported for the like period of 1935. Non-residential building in the elapsed portion of 1936 amounted to $410,870,800 as compared with only $199,808,400 for the corresponding five months of 1935.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Rosin, 10c. to 30c. per 280 lbs.
Turpentine, s. d., 2c. per gal.

Reduced

Turpentine, d. d., 2c. to 3c. per gal.
Turpentine, gum, 1½c. per gal.
Zinc, oxide, import., gold seal, ⅝c. per lb.
white seal, ⅜c. per lb.

Comparative Values

Index number compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
130.0	130.0	130.0	134.0

Market news that may have developed after this report was sent to press will be found on page 2.

Metallic Lead and Zinc

Lead buyers seem to be well covered on nearby needs and so far as can be learned, there is little more purchasing to be done to satisfy June requirements. July position does not attract much interest and the tonnage sold during the week was quite small. Prices, however, continue to hold a very steady position at the levels that have been in effect for some weeks. Current quotations are 4.45c. per pound at East St. Louis and 4.60c. to 4.65c. per pound at New York, according to the seller.

Zinc is also firm and while there are rumors of occasional selling below the market it is probably re-sale and most market observers say there is very little of that. The demands are light throughout. Zinc production in United States for the month of May was 44,905 tons against 43,353 tons in April and 34,572 tons in May last year, according to the American Zinc Institute. Stocks on hand at the end of May totaled 81,710 tons against 80,782 tons at the close of April and 107,625 tons at the end of May last year.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from June 6 to June 12, inclusive, are as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0460@.0465	$0.0445	.. .. ..
Monday	.0460@.0465	.0445	15 7 6
Tuesday	.0460@.0465	.0445	15 6 9
Wednesday.	.0460@.0465	.0445	15 6 3
Thursday	.0460@.0465	.0445	15 3 9
Friday	.0460@.0465	.0445	15 3 9

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from June 6 to June 12, inclusive, are as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.05275	$0.0490	.. .. ..
Monday	.05275	.0490	14 6 3
Tuesday	.05275	.0490	14 2 6
Wednesday	.05275	.0490	14 2 6
Thursday	.05275	.0490	14 2 8
Friday	.05275	.0490	14 0 0

Pigments

Producers of dry white lead, white lead-in-oil, and red lead-in-oil are now taking contracts for the third quarter of the year and the prices on bookings for that period are unchanged from those in force at present. This action by the lead corroders completes the cycle of pigment contract offerings up to September 30. Lead-free and leaded zinc oxide contracts for the third quarter made their appearance a week ago while titanium pigments and lithopones have been offered on contracts for the final six months of 1936, for the past two or three weeks. While sellers were engaged in lining up forward business, spot trade fell off rather sharply. Traders here are fearful that last week's slump in ordering may signalize the termination of the active season. The season had a very late start this year, and was expected to extend longer than ususal, but with hot weather ahead, last week's quiet is ominous.

White Lead. — Manufacturers of dry white lead and lead-in-oil who take business on a quarterly contract basis commenced the offering of third quarter contracts last week. Contracts are being offered for the July-September period at no change in prices. In the meanwhile, spot business has been dropping.

Red Lead. — Suppliers of red lead-in-oil are offering contracts for the third quarter of the year at the prices which have been in force throughout this quarter. Dry red lead continues in a steady spot and shares the firm leanings of the basic metal market.

Litharge.—The demands of the market are rather light at this time but prices continue in an unchanged position and, in company with other derivatives, the market shares the firm tendencies of the metal.

Lithopone. — Manufacturers of regular grades as well as titanated and

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 4

SUPERLITH XXX
THE SUPERIOR ZINC SULPHIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

RED OXIDE
INDIAN - TURKEY - VENETIAN
OCHRE - SIENNA - UMBERS
JOSEPH A. McNULTY
114 Liberty Street New York City

CHLORATE OF SODA • CARBONATE OF POTASH • CAUSTIC SODA
CARBON TETRACHLORIDE
TRI-SODIUM PHOSPHATE
ALUMINUM STEARATE
ZINC STEARATE, U.S.P.
JOSEPH TURNER & Co.
63 EXCHANGE PL., PROVIDENCE, R. I.
500 Fifth Avenue • New York
OXALIC ACID • CALCIUM CHLORIDE • SODIUM METASILICATE

A Generous FREE SAMPLE *of*
LEWISOL No. 125 *for you!*

ALL you have to do is ask for it! Then you can see for yourself how this new phenolic resin performs.

1. It forms very fast-drying varnishes.
2. It is easy to cook.
3. It gives a high body.
4. It may be used as a check-back.
5. It is easily soluble in drying oils and Mineral Spirits.
6. Its color retention compares favorably with other modified phenolic resins.
7. It represents, we believe, a better value than other modified phenolic resins on the market.

A letter from you will bring the sample FREE. Also samples of Lewisol phenolic resins No. 115, No. 120, and No. 150.

JOHN D. LEWIS
Mfrs. of Lewisols and Imperial Ester Gum
INCORPORATED
PROVIDENCE, R. I.
Manufacturers of Synthetic Resins
STOCKS CARRIED AT MAJOR SHIPPING POINTS

It Makes a *Difference!*

ABOVE are solutions of two types of Aluminum Stearate—same concentration, same solvent, and made up in the same way. Yet one is suitable for flatting while the other is not.

Make sure that *your* metallic soap has the right characteristics. Consult Metasap Chemical Company for your specific requirements.

METASAP CHEMICAL COMPANY
PALMITATES
STEARATES
OLEATES
of ALUMINUM, CALCIUM, LEAD, ZINC
HARRISON, N. J.
Chicago Boston St. Louis San Francisco

—but customers didn't reorder

MANY repeat orders are lost because products have been allowed to deteriorate in transit or storage. Is *your* product always delivered in perfect condition?

Complaints of damage from container-failure are stopped when you ship in Bemis Waterproof Bags. They provide that all-important margin of safety—*complete* protection against sifting, odor, dust, and loss or gain of moisture.

There is a *type* of Bemis Waterproof bag for every industry. Users profit by important savings in original cost, freight, handling, storage, and labeling.

It will cost you nothing to investigate Bemis Waterproof Bags, and it may solve your shipping problem. Write for further information.

BEMIS BRO. BAG CO.
400 Poplar St. St. Louis, Mo.
5102 Second Ave. Brooklyn, N. Y.

BEMIS Waterproof BAGS

Shawnee
DRY COLORS
"Color Content Guaranteed"

Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
Ultramarine Blue

KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
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high-strength lithopones are renewing contracts for the final half of the year through this half. Contract renewals at prices which have been in force have been offered for the past few weeks and sellers report prompt acceptance by the buyers. Spot business is not very active in the Eastern area.

Titanium Pigments.— Manufacturers of these pigments are also lining up contracts for the final six months of this year. The prices named on forward offerings are the same as those that have been in force throughout this year.

Zinc Oxide. — As reported here last week, manufacturers of lead-free and leaded zinc oxides are now booking contracts for the third quarter of the year at the prices that have been in force since last October. Importers of high-grade French oxides lowered prices on Tuesday of last week, offering gold seal at 10⅞c. to 11⅛c. per pound off the dock, the former representing the price for 3 cask lots; white seal was offered at 9¾c. per pound in 3 cask lots and 10c. in single cask lots, both ex dock, with an additional differential of ¼c. per pound for delivery out of warehouse. The reduction in gold seal was ⅝c. per pound and the decline in white seals was ¾c. per pound.

Fillers and Extenders

Mineral whites and fillers have been moving into consumption at a fair pace, but trade was rather slow during the week under review and as in the case of the opaque pigments, some of the sellers think that the market will not ease itself into a position of Summer quiet. Prices in this group of paint ingredients continue in an even position and there were no changes reported last week.

Barytes. — The market continues in the same position as in recent weeks. Contract withdrawals are moderately active. Prices are without alteration.

Graphite. — Both flake and powder materials continue at the price schedules that have been in force for many months back. The demands of the market are reported as having been mildly active.

Whiting.—Chalk and cliffstone grades are being bought in fairly good fashion, according to some sellers. Others say the market is routine. Prices continue with shift and are quoted at the levels that have been in force for some time.

Dry Colors

Current contract prices for chemical color prices will continue through the third quarter of the year. Iron blues, c.p. chrome yellows, toner reds and others will commence the final half of this year at the levels that have been in force throughout the year to date. Carbon black prices also continue unchanged. There has been no word as yet on the price situation of French ochers, which are subject to reduced import tariffs beginning today. Colors are moving into consumption at a moderate rate albeit the paint trade's interest seems to be dwindling with the passing of the active season.

Carbon Black.—As reported here a week ago, prices will continue unchanged as contracts enter the final half of the year. Officially prices are subject to change only after fifteen days' notice prior to July 1 but at the time of this and previous writings it was indicated that there would be no change.

Chrome Yellow. — Prices for c.p. chrome yellows will commence the third quarter of the year at the current low level.

Indian Red.—Prices continue in an unchanged position with pure selling at 8¾c. per pound and the 80 percent and 85 percent grades posted at 7c. per pound, both f.o.b. regular shipping points. The demand side of the market is favored with a mild activity.

Iron Blues.—Contract prices continue unchanged as the market approaches the third quarter of the year. The contract price for Chinese, Prussian, Milori, bronze and soluble blues is 37c. per pound.

Ocher.—Nothing further has been heard regarding French which is subject to lower import duty beginning today. Sellers may wait until present stocks have been absorbed before considering a change in selling prices.

Toner Reds.—Ink makers are evidencing a little better than a routine interest in the market. Prices continue unchanged throughout the list of para, lithol, lake C and others.

Ultramarine.—There is a moderately active call for the cobalts while jobbing and other grades also manage to hold their own. Prices continue at the established schedule.

Varnish Gums

The market was very quiet last week and even the withdrawals against contracts were light. New business for forward needs has not been prominently identified in the trading during the past several weeks. Prices here and abroad were unchanged, but most of the quotations from abroad had a firm appearance.

Copals.—There has been no shift in the Congo or Far Eastern gums. The

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demands against contracts are rather light at this time and the sellers reported there was very little interest in forward requirements.

Dammars.—Batavia and Singapore gums hold to an even position and reports from abroad indicate firmness in the replacement markets. The demand here are light and fail to show improvement over recent weeks.

Kauri.—March exports of gum from Auckland totaled 207½ tons, of which 28 tons were shipped to United States. Total exports in the preceding month were 247 tons with United States taking 65 tons.

Synthetic Resins

Varnish manufacturers' demands for synthetic resins were fairly active, according to the reports from some of the sellers last week. Ester gum movements against contract have been fairly good and phenolic resins continue to move in regular style. Alkyd and glycerol phthalate resins find a steady market in several channels of consumption.

Naval Stores

Quieter conditions prevailed in the local market last week and business in primary centers was generally of a more conservative character than in the previous week. The contraction of business was atrributed by some to a desire on the part of many buyers and sellers to await further developments at Washington with respect to the amendment to the soil conservation act providing for $2,000,000 of government funds to assist producers of naval stores. The amendment was adopted by the Senate but there was some uncertainty as to what action would be taken by the House. The advance in prices which followed the adoption of the amendment also seemed to have the effect of making buyers disposed to curtail purchases to some extent, while an increase in receipts was apparently not without some effect upon the attitude of consumers and dealers.

Although the tendency of turpentine and rosin prices was reactionary at times, however, the undertone of primary markets was regarded as firm. Offerings were comparatively light. In some local quarters the impression existed that action of a favorable character with respect to government financial aid for producers would probably be forthcoming in the near future. Also reports concerning consumption of naval stores in some important industries were of an encouraging character from the viewpoint of sellers.

Weather conditions over much of the South were favorable in the main for production and marketing and the movement from the woods to the seaboard showed a further increase, arrivals being about up to normal for this season after a rather extended period of abnormally light receipts as a result of unseasonably low temperatures for a number of weeks.

Turpentine.—The local market was a rather featureless affair last week. In some quarters a fair inquiry was noted but purchases were generally limited to comparatively small quantities, the movement of such lots for the week apparently being lighter in the aggregate than in the previous week. Some buyers were disposed to hold off for further developments at Washington with respect to government financial aid for producers. Also an increase in arrivals in primary centers apparently was not without some influence upon the attitude of buyers. The market here had a rather firm tone early in the week, but later on an easier feeling developed as a result of the course of Southern markets.

SAVANNAH, June 12.—The turpentine market had a firm undertone although prices had a reactionary tendency at times. Following is a record of the market for the week:—

	Cents per gal.	Barrels: Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday ..	37	...	505	1,845	25,997
Monday ...	36¼	378	438	181	26,254
Tuesday ...	36	98	851	0	27,096
Wednesday..	35½	50	364	24	27,436
Thursday ..	36	121	599	2,430	25,605
Friday	35¾	152	362	1,690	25,358

JACKSONVILLE, June 11.—The turpentine market was fairly active with the undertone firm. Following is a record of the market for the week:—

	Cents per gal.	Barrels: Sales.	Re-ceipts.	Ship-ments.	Stocks.
Friday	37	100	416	258	45,571
Saturday ..	37¼	226	386	3,952	42,005
Monday ...	35	...	484	52	42,437
Tuesday ...	35¼	50	359	45	42,751
Wednesday..	35¾	72	216	2	42,965
Thursday ..	36¼	103	218	15	43,169

PENSACOLA, June 6.—Receipts of turpentine were moderate. The market was quiet. Following is a record of the market for the week:—

	Barrels: Re-ceipts.	Ship-ments.	Stocks.
Monday	129	...	28,457
Tuesday	218	162	28,513
Wednesday	58	91	28,480
Thursday	88	...	28,568
Friday	125	122	28,571
Saturday	183	...	28,754

CHICAGO, June 12.—The turpentine market is in a period of moderately good demand and fairly firm prices. Business is being transacted on both wholesale and retail basis at a fairly steady pace. Buyers are indicating their requirements in the way of inquiries and are following this up with purchases in a fairly good number of cases. Consumption is reported moderate. Ruling prices at the close of business last night were: Five-drum lots, 47c. per gallon; five wood barrels, 52c.; single drums, 50c.; single barrels, 55c.

(Continued on page 40)

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 4

Paint, Varnish, Lacquer Sales: April

Paint, varnish, lacquer and filler sales in April totaled $37,966,424, against $31,323,319 in March, according to the reports made to the Bureau of Census by 680 establishments. April sales reported by 579 identical establishments that have been reporting for the past few years, totaled $36,376,507, against $29,973,139 in March and $32,851,225 in April last year. The combined sales for the first four months of the year, as reported by 680 establishments, were $114,882,048. Details follow:—

Sales by 579 Establishments

1936.	Total sales reported by 579 establishments.	Classified sales reported by 344 establishments: Trade sales of paint, varnish and lacquer.	Industrial sales: Total.	Paint and varnish.	Lacquer.	Unclassified sales reported by 235 establishments.
January*	$23,913,980	$8,166,997	$8,188,213	$5,528,374	$2,659,839	$7,558,770
February*	20,246,632	7,200,870	7,161,505	4,915,935	2,245,570	5,884,257
March*	29,973,139	11,445,595	9,282,250	6,355,625	2,926,625	9,245,294
April	36,376,507	14,177,951	11,021,214	7,652,925	3,368,289	11,177,342
Totals, 4 months.	$110,510,258	$40,991,413	$35,653,182	$24,452,859	$11,200,323	$33,865,663
1935.						
January	20,835,518	7,546,960	7,139,802	4,958,259	2,181,543	6,148,786
February	21,229,132	7,952,649	7,299,388	5,117,123	2,182,265	5,977,095
March	26,544,245	10,356,908	8,061,029	5,549,646	2,511,383	8,126,308
April	32,851,225	13,116,733	9,177,648	6,413,344	2,764,304	10,556,844
Totals, 4 months.	$101,460,120	$38,973,220	$31,677,867	$22,038,372	$9,639,495	$30,809,033
May	36,160,067	15,745,190	8,689,166	6,638,558	2,050,608	11,725,711
June	32,325,512	13,615,474	8,502,993	6,125,039	2,377,954	10,207,045
July	28,975,289	11,336,490	8,338,360	5,914,241	2,424,119	9,300,439
August	28,501,654	11,437,677	7,776,762	5,617,939	2,158,823	9,287,215
September	28,536,075	11,053,900	7,985,227	5,799,254	2,185,973	9,496,948
October	32,853,356	12,613,354	9,518,786	6,730,639	2,788,147	10,721,216
November	25,426,631	8,869,623	8,986,119	5,967,900	2,998,319	7,570,889
December	20,038,905	6,710,391	7,560,671	5,247,518	2,313,153	5,767,843
Totals, year.....	$334,277,609	$130,355,319	$99,035,951	$70,099,360	$28,936,591	$104,886,339
1934.						
January	20,141,156	7,470,517	6,015,030	4,290,923	1,724,107	6,655,609
February	17,287,724	6,256,162	5,639,413	3,714,128	1,925,285	5,392,149
March	22,627,382	8,504,997	7,105,176	4,768,864	2,336,312	7,017,209
April	27,116,692	10,845,963	7,589,828	5,256,548	2,333,280	8,680,901
Totals, 4 months.	$87,172,954	$33,077,639	$26,349,447	$18,030,463	$8,318,984	$27,745,868
May	32,991,160	14,079,824	8,091,723	5,824,403	2,267,320	10,819,613
June	28,154,013	11,313,931	7,629,866	5,455,366	2,174,500	9,210,216
July	22,942,907	8,461,401	7,449,074	5,254,492	2,194,582	7,032,432
August	23,771,319	9,502,007	6,578,872	4,499,356	2,079,516	7,690,440
September	21,714,509	8,908,543	5,268,057	3,722,691	1,545,366	7,537,909
October	23,652,268	9,568,364	5,814,069	4,301,650	1,512,419	8,269,835
November	19,801,013	8,016,041	5,207,599	3,819,540	1,388,059	6,577,373
December	16,005,974	5,578,719	5,225,801	3,607,863	1,617,938	5,201,454
Totals, year.....	$276,206,117	$108,506,469	$77,614,508	$54,515,824	$23,098,684	$90,085,140

Sales by 680 Establishments†

1936.	Total sales reported by 680 establishments.	Classified sales reported by 566 establishments: Trade sales of paint, varnish and lacquer.	Industrial sales: Total.	Paint and varnish.	Lacquer.	Unclassified sales reported by 114 establishments.
January*	$24,260,152	$10,459,533	$10,915,765	$7,516,580	$3,399,185	$2,884,854
February*	21,332,153	9,545,526	9,783,075	6,766,345	3,016,730	2,003,552
March*	31,323,319	15,593,954	12,806,346	8,993,662	3,812,684	2,923,019
April	37,966,424	19,482,917	14,873,499	10,545,913	4,327,586	3,610,008
Totals, 4 months.	$114,882,048	$55,081,930	$48,378,685	$33,822,500	$14,556,185	$11,421,433

* Revised. † Includes data for establishments shown in upper table.

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Paint, Varnish and Lacquer Materials

Naval Stores

(Continued from page 39)

LONDON, June 12.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	40	3
Monday	40	3
Tuesday	39	9
Wednesday	39	0
Thursday	39	0
Friday	39	0

Stocks of American turpentine in London were:—

	June 12.	Previous week.	Last year.
Barrels	9,010	8,645	10,289

Rosin.—Local quotations were irregular at times last week in company with developments in the South where the tendency of prices was reactionary after recent firmness following the announcement from Washington in connection with the plan for government financial aid for producers. Sales at Savannah to domestic buyers were lighter than in the previous week, some consumers and dealers being disposed to hold off for further developments. A fair export inquiry was received from the Far East and South America but the transactions were smaller than in recent preceding weeks. Receipts at primary points showed the increase that had been expected with more favorable weather for operations in the woods.

SAVANNAH, June 12.—Rosin quotations were irregular. Receipts showed some increase. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$3.75	$3.75	$3.75	$3.75	$4.00	$4.00
D	4.25	4.25	4.25	4.25	4.25	4.25
E	4.30	4.30	4.30	4.30	4.30	4.35
F	4.50	4.45	4.35	4.35	4.40	4.52½
G	4.55	4.50	4.35	4.37½	4.45	4.52½
H	4.57½	4.50	4.35	4.40	4.45	4.52½
I	4.57½	4.55	4.42½	4.42½	4.45	4.55
K	4.60	4.55	4.45	4.45	4.50	4.55
M	4.60	4.60	4.45	4.50	4.50	4.55
N	4.60	4.60	4.50	4.55	4.60	4.70
WG	4.60	4.60	4.60	4.60	4.60	4.75
WW	4.70	4.70	4.65	4.65	4.65	4.85
X	4.70	4.70	4.70	4.70	4.65	4.85
	Barrels					
Sales	406	470	481	375	763	556
Receipts	1,896	2,124	3,661	1,594	2,014	1,225
Shipments	4,570	618	25	13	6,110	2,602
Stocks	55,536	57,042	60,678	62,259	58,163	56,786

JACKSONVILLE, June 11.—The rosin market was fairly active with prices showing irregularity at times. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Fri.	Sat.	Mon.	Tues.	Wed.	Thur.
B	$3.60	$3.60	$3.60	$3.60	$3.75	$3.75
D	4.10	4.10	4.10	4.25	4.25	4.25
E	4.20	4.20	4.40	4.25	4.30	4.30
F	4.35	4.55	4.55	4.30	4.35	4.45
G	4.35	4.55	4.60	4.45	4.37½	4.45
H	4.35	4.55	4.60	4.50	4.40	4.45
I	4.40	4.55	4.60	4.50	4.42½	4.45
K	4.40	4.60	4.60	4.50	4.45	4.45
M	4.45	4.60	4.60	4.50	4.45	4.50
N	4.50	4.65	4.60	4.55	4.55	4.60
WG	4.55	4.75	4.65	4.60	4.60	4.60
WW	4.60	4.85	4.70	4.65	4.70	4.85
X	4.60	4.85	4.70	4.65	4.75	4.85
	Barrels					
Sales	100	543	836	1,027	240	104
Receipts	825	1,239	1,534	1,545	1,340	1,013
Shipments	3,045	3,055	20	42	...	7,771
Stocks	52,998	51,182	52,696	54,199	55,539	48,781

PENSACOLA, June 6.—The rosin market was quiet and steady. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	507	574	194	207	307	604
Shipments	250	900	200	150	...	300
Stocks	35,390	35,064	35,058	35,115	35,422	35,726

CHICAGO, June 12.—While business in the rosin market here has shown a continued quieting down tendency when compared with conditions of a month ago or so, the tone seems still rather healthy and the price structure is reported firm. Orders are being placed at a rate which seems to take care of most of the offerings. Advices from the south are being watched closely. Ruling prices at the close of business last night were: B grade, $5.80 per lot of 280 pounds; G grade, $6.75; M grade, $6.90; W.W. grade, $7.10.

(Continued on page 41)

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 4

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Plastic, Cold Water Paint, Calcimine Sales

Sales of plastic paints in April were 621,252 pounds, with a value of $47,407, against 574,365 pounds, valued at $44,520, in March, and 527,234 pounds, valued at $36,653, in April, last year, according to the reports filed with William L. Austin, of the Bureau of Census. Dry cold water paints sold in April totaled 2,275,541 pounds, valued at $147,160, against 1,733,288 pounds, with a value of $113,202, in April last year. Calcimines sold in April totaled 8,056,015 pounds, against 6,900,931 pounds in March and 7,579,518 pounds in April last year. Statistics included in the following table were supplied by fifty-three manufacturers producing more than 70 percent of the quantity and 80 percent of the value of plastic paints; and more than 91 percent of the quantity and 95 percent of the value of cold water paints and calcimines. Details follow:—

Plastic Paints

	1936 April.	1936 March.*	1935. April.	Totals, 4 months (January-April) 1936.	1935.
Pounds	621,252	574,365	527,234	1,982,584	1,656,000
Value	$47,407	$44,520	$36,653	$148,914	$117,305
Paste (lead, mixed paints and emulsified types)—					
Pounds	101,366	86,761	39,785	283,926	121,626
Value	$11,897	$10,416	$3,328	$32,799	$10,292
Dry, totals—					
Pounds	519,886	487,604	487,449	1,698,658	1,534,974
Value	$35,510	$34,104	$33,325	$116,115	$107,013
Casein bound—					
Pounds	339,184	306,135	320,522	1,103,289	973,519
Value	$26,213	$24,640	$24,680	$85,984	$77,597
Glue bound—					
Pounds	180,702	181,469	166,927	595,369	561,455
Value	$9,297	$9,464	$8,645	$30,131	$29,416

Cold Water Paints (in Dry Form)

Pounds	2,275,541	2,065,217	1,733,288	6,969,398	5,423,336
Value	$147,160	$134,803	$113,202	$448,074	$334,531
Exterior, totals—					
Pounds	922,295	742,464	671,137	2,573,231	1,976,242
Value	$63,636	$49,176	$45,605	$171,711	$132,193
Lime and/or cement bound—					
Pounds	599,612	441,309	429,265	1,536,273	1,108,935
Value	$45,811	$32,049	$31,443	$113,087	$82,057
Casein bound—					
Pounds	322,683	301,155	241,872	1,036,958	867,307
Value	$17,825	$17,127	$14,162	$58,624	$50,136
Interior, totals—					
Pounds	1,353,246	1,322,753	1,062,151	4,396,167	3,447,094
Value	$83,524	$85,627	$67,597	$276,363	$202,338
Casein bound—					
Pounds	665,742	890,324	616,568	2,560,161	1,718,747
Value	$59,372	$72,794	$53,960	$218,477	$150,226
Glue bound—					
Pounds	687,504	432,429	446,583	1,836,006	1,728,347
Value	$24,152	$12,833	$13,637	$57,886	$52,112

Calcimines

Pounds	8,056,015	6,900,931	7,579,518	26,130,734	26,047,965
Value	$348,953	$293,756	$332,343	$1,122,782	$1,138,374
Hot water—					
Pounds	4,015,424	3,491,572	3,926,592	13,246,058	13,089,072
Value	$164,321	$137,167	$177,853	$537,225	$582,061
Cold water—					
Pounds	4,040,591	3,409,359	3,652,926	12,884,676	12,958,893
Value	$184,632	$156,589	$154,490	$585,557	$556,313

* Revised.

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Southwark Manufacturing Company

ESTABLISHED 1880

Factory and Home Office: CAMDEN, NEW JERSEY

SOUTHWARK BRAND

Paint, Varnish and Lacquer Materials

Naval Stores

(Continued from page 40)

LONDON, June 12.—Quotations on American rosin were as follows:—

	Per cwt. in barrels Common.		W.W.	
	s.	d.	s.	d.
Saturday	12	4½	13	6
Monday	12	4½	13	6
Tuesday	12	4½	13	6
Wednesday	12	6	13	9
Thursday	12	6	13	9
Friday	12	6	13	9

Pine Oil.—The market retained a steady tone. There was apparently little change in the character of business, consumers being disposed to adhere to a conservative course in making purchases.

Pitch.—A firm tone continued to prevail here, quotations generally being maintained at previous levels. There was a fairly active demand in a jobbing way from local and outside buyers.

Rosin Oil.—Quotations were about stationary during the week, with the tone of the market steady. Business continued along the conservative lines noted in recent preceding weeks.

Tar.—Business conditions apparently underwent little change last week. Consumption appeared to be holding up well and a fair volume of new orders was received in some quarters.

Shellac

The shellac market was declared to be a very dull affair during the past week. Importers and manufacturers alike said that buyers' interest was at low ebb. Also, tenders against existing contracts were not being accepted as promptly as they should be. Taken from almost any angle, the market was an inert affair most of the time. Foreign markets shifted from day to day but they lacked definite trend either up or down and for the most part seemed to be best described as being fairly steady.

Russian consumption of shellac has shown a substantial increase. The gain in use there has reached a point where Russian purchases can well become a factor likely to influence prices from time to time. The official customs export figures for the United Kingdom, issued by the British Government for the period January-March, and for the month of March alone, may be of more than ordinary interest at this time. They follow:—

	Hundredweight March.	January-March.
Soviet Russia	6,334	6,535
Danzig	173	328
Germany	575	3,212
France	154	362
Japan	Nil	439
United States	1,828	12,262
South America	81	442
Other ports	438	1,766
Totals	9,583	25,375

These figures work out at 16,715 packages for the three-month period, and 6,545 packages for March alone.

London, June 12.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	June 12 Shillings. Cwt.	Cents. lb.	June 5 Shillings. Cwt.	Cents. lb.
August	54	11.8	53	11.5
October	54½	11.9	53½	11.6

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight August.	October.
June 5	53s.	53s. 6d.
*June 6	....	.... ..
June 8	53s.	53s. 6d.
June 9	53s.	53s. 6d.
June 10	53s. 6d.	54s.
June 11	54s.	54s. 6d.
June 12	54s.	54s. 6d.

* No cables.

Calcutta, June 12.—Prices quoted on U.S.S.A. T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound June 12.	June 5.
June	11⅜c.	11¼c.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions were as follows:—

	Per pound.	Market
June 5	11¼c.	Steady
*June 6	....	....
June 8	11¼c.	Steady
June 9	11¼c.	Steady
June 10	11¼c.	Steady
June 11	11⅜c.	Firmer
June 12	11⅜c.	Firmer

* No cables.

Lacquer Materials

Business in the market for the lacquer materials continued at a fairly good pace during the week just closed. Consumers were withdrawing shipments against contract commensurate with actual production wants, but it was evident that the much talked about decline in operations in the automobile industry had not materialized, for reports last week were to the effect that operations were moved forward to over 100,000 cars per week, assuring the output production for June of close to 400,000 units. However, trade circles seem to be of the opinion that some curtailment would take place in the automobile production in July. Ethyl acetate noted a steady tone, and sellers of acetone reported that shipments were forward in fairly good volume, with a steady tone in evidence. There was little to report in butyl acetate and butyl alcohol. Film scrap was firm, with a good domestic and export inquiry. Celluloid scrap noted a fairly good demand.

Acetone.—Shipments were moving out in fair volume, and sellers reported the market appeared steady.

Butyl Acetate.—Although the call indicated that consumers were covering for immediate production requirements only, sellers reported the presence of a steady to firm tone.

Butyl Alcohol.—June contract withdrawals have measured up fairly well, and producers reported no change in quotations.

Celluloid Scrap.—Business was quiet in this direction, with the prices listed at 12c. to 13c. per pound for the amber scrap, and the black was 8c. to 9c. per pound; China white, 12c. to 13c. per pound; dense white, 11c. to 12c. per pound; grey, 9c. to 10c. per pound; mixed, mottles, opaques, 5c. per pound; shell-demi, 9c. to 10c. per pound.

Ethyl Acetate.—This market noted a fair demand again last week, with the prices displaying a steady price tendency, and sellers were naming previous values.

Film Scrap.—A firm tone was prominent in this market, with the shipments moving forward in good volume.

Driers

Manufacturers of stearate driers are preparing to issue new contracts for the third quarter of the year and the prices for aluminum, calcium, magnesium and zinc stearate will commence the quarter without change from the present price basis. At times during the current quarter it had been believed that third quarter prices might be lower because of lower acid prices but sellers are holding the schedule for the coming quarter. Business continues fairly good, according to the reports of leading sellers.

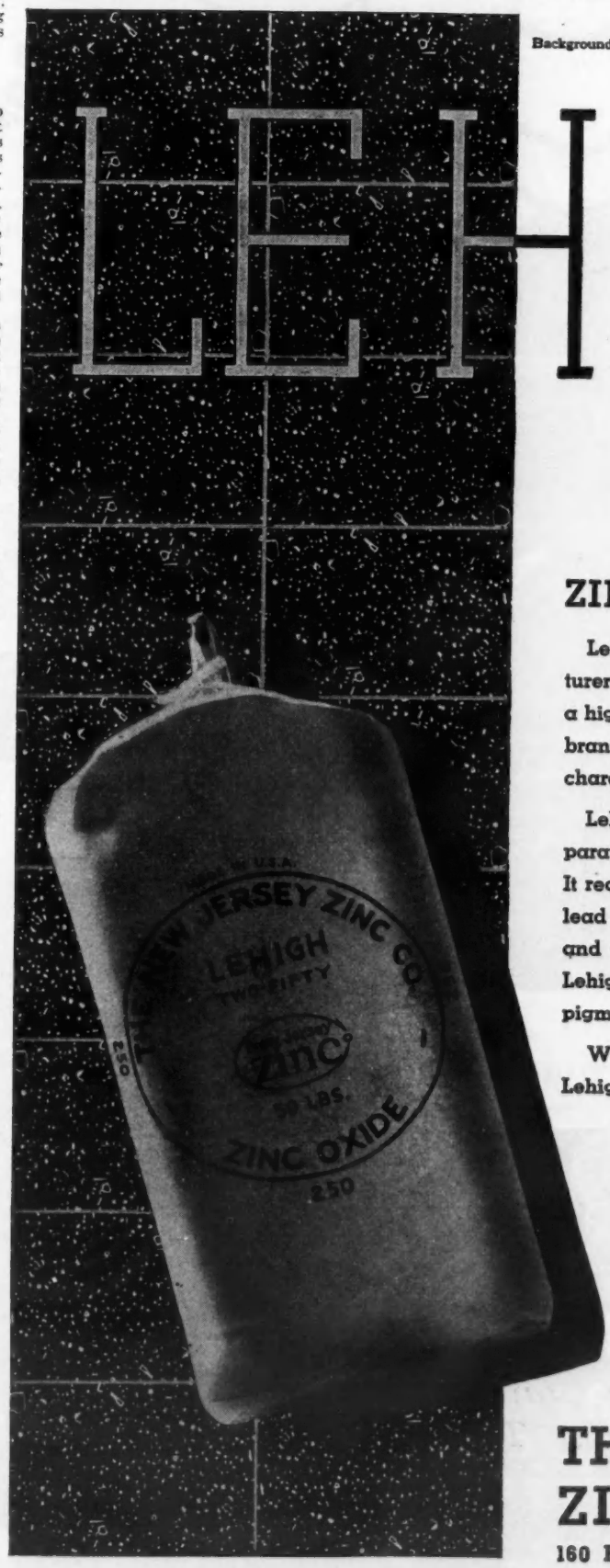
Glues and Binders

Casein.—The market continues to strengthen. The Argentine article is held firm at 15c. per pound for 20-30 mesh at the seaboard, which figures out close to 15½c. delivered at consumers' mills. Some of the leading sellers of domestic will not quote below 15¼c. for car lots of 20-30 mesh and 15¾c. for 80-100 mesh, both basis delivered. There were sales in the mid-West at 15c. per pound for 20-30 mesh and quotations were still available at that figure in some directions.

Glues.—The market did not present much for comment last week. Hide glues continue to point toward a firmer position but the demands have not been very lively in the past few weeks. Bone glues are quiet.

Paint Steering Committee Meeting

The steering committee of the industrial sales group of the National Paint, Varnish and Lacquer Association will meet in a private session at the Waldorf-Astoria, this city, Tuesday, June 16. Paul S. Kennedy, of Murphy Varnish Company, Newark, will act as chairman. The advisory committee of the scientific section will meet at the same place on the same day. The latter committee is under the chairmanship of Frank L. Sulzberger, of the Enterprise Paint Manufacturing Company, Chicago.



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We shall be glad to furnish further details on Lehigh-250 and a sample for test purposes.

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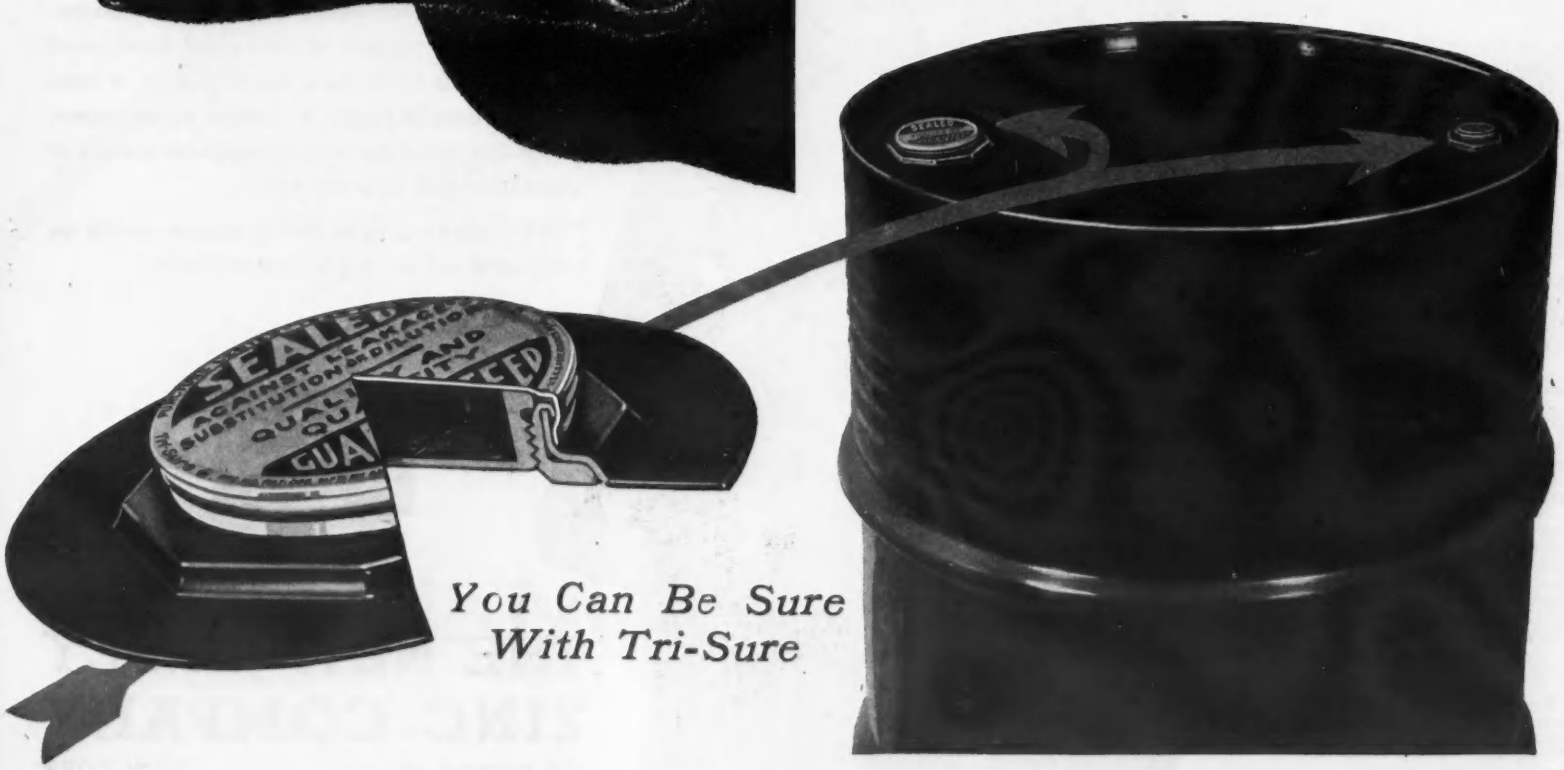

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Oils, Fats, and Waxes

Fish Oils Advanced by Refiners—Chinawood and Oiticica Firmer—Further Rise in Tallow and Grease — Lard Compound Higher—Flaxseed Crop Gets Needed Rain

No broadening of business was noticeable in the market for miscellaneous oils, fats and greases last week so far as the general list was concerned. The call for certain technical products showed some increase but as for some time past purchases were limited in many cases to comparatively small quantities to meet the current requirements of consumers. The tone of the market in general, however, showed improvement. The trend of lard, cotton and cottonseed oil futures was upward at times, reports in regard to the progress of the cotton crop were in not a few instances distinctly unfavorable and there appeared to be indications of an increasing consumption of raw materials of various kinds in important industries. The drift of quotations was upward with offerings of many products light late in the week.

Among the vegetable products, chinawood oil displayed firmness at times, although changes in quotations were not very wide. The primary market was firm in the main, however, and offerings in domestic centers were light throughout the week. Oiticica oil was also firmer with a fairly active inquiry noted.

Copra was somewhat firmer and domestic quotations on coconut oil were generally maintained. The inquiry for palm, rapeseed, and olive oils was limited to small or moderate quantities as a rule, but orders for such lots were received in a fair volume. Edible cottonseed oil was advanced moderately by refiners, this being the first price increase in some time. Soybean oil was steady with reports of a somewhat better inquiry.

Fish products were more active, buying interest being stimulated by recent developments in competing products. Prices were generally firm with an advance announced in refined menhaden and sardine selling schedules. Animal oils lacked quotable changes but the tone of the market for these products appeared to be steadier as a result of the recovery in raw materials. Changes in lard futures in Chicago were within comparatively small limits much of the time and the market here for cash lard had a steadier tone with a fair demand noted for moderate quantities. All grades of grease were higher. Offerings of tallow continued light and the market was stronger with sales reported at a further advance.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Chinawood oil, ¼c. per lb.
Copra, 1-20c. per lb.
Cottonseed oil, crude, ½c. per lb.
Cottonseed oil, edible, 10c. per 100 lbs.
Grease, ¼c. per lb.
Lard, neutral, 25c. per 100 lbs.
Lard compound, 25c. per 100 lbs.
Linseed cake, $1.75 per ton.
Menhaden oil, refined, 4-10c. per lb.
Oiticica oil, ¼c. per lb.
Peanut oil, crude, ½c. per lb.
Sardine oil, refined, 4-10c. per lb.
Tallow, ½c. per lb.

Reduced

Carnauba wax, No. 1 yellow, ½c. per lb.
No. 2 yellow, 1c. per lb.
No. 2 North Country, 4c. per lb.
No. 3 chalky, ½c. per lb.
No. 3 North Country, ½c. per lb.
refined, 1c. per lb.
Olive oil, denatured, 1c. per gal.
Palm oil, ½c. to ¼c. per lb.
Perilla oil, ¼c. per lb.
Stearin, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
112.1	110.3	112.8	133.1

Market news that may have developed after this report was sent to press will be found on page 2.

Vegetable Oils

Chinawood. — Variations in prices in the local and Pacific Coast markets were generally within comparatively narrow limits much of the time last week in company with developments in the primary center where conditions prevailing appeared to be quieter than in recent preceding weeks. On the whole the tone abroad seemed to be rather firm, however, and in domestic markets the tendency was upward at times although, as already intimated, price movements were not very wide. Business here and on the Coast lacked snap but there were reports of a somewhat better inquiry at times with sales noted at 18c. per pound in tankcars on spot early in the week and at 18.2c. later on. A slightly higher figure was named in some quarters. Exports from Hankow during May amounted to nearly 20,000,000 pounds, of which about 75 percent was shipped to this country.

Coconut.—A steady or firm tone prevailed in domestic markets for crude oil last week, although there was apparently no broadening of trade here or on the Pacific Coast, many buyers still being disposed to hold aloof or limit their takings to unimportant quantities pending further developments in the Far Eastern situation as well as in the markets here for other commodities. Some products which compete with coconut oil had an upward trend, but this apparently had little effect last week upon the attitude of consumers. Edible oil was quiet and steady. Copra was firmer, slightly higher prices prevailing on the Coast with offerings reported as light.

Corn.—The market for crude oil appeared to have a steadier tone last week in company with competing products, but aside from this the situation lacked features of interest. Business was reported as quiet, but offerings continued light and quotations still appeared to be more or less nominal. Refined oil was fairly active and steady.

Cottonseed.—Edible oil was stronger, prices being advanced 10c. per 100 pounds by refiners. There was no snap to business, but a fairly active demand was noted for moderate quantities. Imported oil was quiet, but there was no increase in offerings from abroad, where the tone of the market was reported as firmer, due to recent developments in the situation here.

Mustard.—Quotations remained at previous levels and the tone of the market appeared to be firm with business more active, a considerable increase being noted in the volume of orders received from local and outside consumers.

Oiticica.—A firmer tone developed with some improvement noted in the inquiry. Sales were reported on spot early in the week at 14c. to 14¼c. per pound in drums, but later on 14½c. appeared to be an inside figure with up to 15¼c. per pound quoted. Spot holdings in some quarters were reported as light.

Olive.—The market was fairly active. Consumers were not disposed to anticipate, but inquiries for small or moderate quantities were received in some quarters in a fair volume with sales noted at 74c. per gallon for denatured oil and 8c. per pound for foots.

Palm.—There were reports of some improvement in the inquiry from local and other consumers. Transactions did not involve important quantities, but sales of Niger were noted on spot in casks at 4⅜c. per pound. Sumatra oil was quoted at 3⅜c. to 3½c. per pound on spot in tanks with 3¼c. quoted for shipment in bulk.

Perilla.—Demand showed some increase and, while the market was somewhat easier early in the week, a firmer tone developed later on with sales reported at 7½c. per pound on spot for tankcars and at 8c. to 8¼c. per pound in drums. Slightly higher figures were named in some quarters.

Rapeseed.—The inquiry was fair and the market had a steady tone. Sales were reported on spot at 52c. per gallon, but in some quarters a cent or two above this level was named. Spot supplies appeared to be light or moderate in some cases and there was no increase in offerings for shipment.

Soybean.—There were reports current to the effect that consumers were manifesting rather more interest in the situation, but such transactions as were reported were limited to unimportant quantities. The market was steady with previous selling schedules still in effect.

Markets at Other Centers

San Francisco, June 8.—Rising prices for spot and nearby positions, with a variety of somewhat uncertain quotations are apparent here in this market, while a cloud of bewilderment has been injected into the situation over the ramifications of the Bailey Amendment to the Revenue bill in Washington. Coconut oil, unaffected by the present proposed tax bill, has had a more closely defined position and is moving moderately in this market, with the outlook steady. Other materials, however, are dull, buyers being disinclined to purchase, and what business is taking place is on a prompt shipment basis. Some slight hope has been added to the present situation by the extension clause in the amendment from a 30-to-60-day period of grace if final passage is made. Prices on futures, however, are still nominal and unworkable.

Ruling prices are:—

BABASSU.—Quoted at 6⅝c. per pound in tankcars, f.o.b. mill, Pacific Coast.

COCONUT.—Crude oil is steady at 3⅝c. per pound in tankcars, f.o.b. Pacific Coast mills, June-September shipment.

COPRA.—Advanced quotations were apparent last week, buyers following this trend in moderate purchases for fairly close-up positions of delivery, mostly to replace oil sales here on the Coast. Europe is said to be participating in foreign markets on a moderate basis. Arrivals here have been better. Quoted at 2.30c. to 2.325c. per pound, c.i.f. Pacific Coast ports. Meal is quoted at $24 per ton for domestic, ex mill. Philippine meal quoted at $22.50 ex dock, San Francisco.

CHINAWOOD. — Moving slowly at 17.70c. per pound in tankcars, f.o.b. Pacific Coast ports.

SOYBEAN.—Crude Oriental oil, f.a.q., quoted at 4¾c. per pound, nominally, c.i.f. Pacific Coast ports in bulk steamers' tanks, with drum lots, duty paid, at 9⅝c. Refined and deodorized Oriental oil, duty paid, at 10c. per pound in drums.

KAPOKSEED.—Foreign crude oil is quoted nominally at 8c. per pound in tankcars, f.o.b. Pacific Coast ports. Bleachable grade, 8½c.

COTTONSEED. — Semi-refined foreign oil is quoted at 9¼c. per pound, duty paid in tankcars, f.o.b. Pacific Coast, June-August shipment from the Pacific Coast.

PEANUT.—Crude oil is quoted nominally at 9¼c. per pound in tankcars, duty paid, f.o.b. Pacific Coast ports, June-September shipment from the Orient. Oil crushed in domestic mills quoted at the same figures.

PERILLA.—Japanese oil is quoted at 7½c. per pound in tankcars, prompt shipment from the Pacific Coast. Futures strictly nominal.

TEASEED.—Quoted nominally at 8¾c. per pound in drums, c.i.f. San Francisco.

SESAME.—Crude oil is quoted at 6¾c. per pound in tankcars, f.o.b. mill, Pacific Coast. Seed for crushing is quoted at $60.50 per ton, c.i.f Pacific Coast ports.

Chicago, June 12.—While the trade has been backward in the question of taking a definite position in the vegetable oils market pending evidence of final straightening out of the legislative situation, the flow of business in most grades of materials goes ahead on a fairly substantial basis. Prices have shown a firming trend in recent days. Inquiries have been not

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

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overly plentiful, but routine type buying is coming in to absorb the larger part of the current volume of offerings.

COCONUT.—Crude oil, 3¾c. per pound; refined, edible oil, 9½c. to 10c. per pound, barrels, car lots; and 10c. to 10¼c., barrels, less than car lots.

CORN.—Crude, low acid, 8c. to 8¼c. per pound, partly nominal, tanks, mills. Refined, edible oil, 9½c. to 9¾c., barrels, car lots; and 10c. to 10¼c., barrels, less than car lots.

CHINAWOOD.—Ruling, spot, drums, 19⅜c. to 19½c. per pound; futures shipments, 18c. to 18⅛c.

SOYBEAN.—Crude, prompt shipment, 5⅞c. to 6c. per pound, tanks, mills, depending on delivery date. Refined, drums, 8½c. to 8¾c.

PEANUT.—Prime crude, 8c. to 8¼c. per pound, partly nominal; refined, edible oil, 10¼c. to 10½c., barrels, car lots; and 10½c. to 11c., barrels, less than car lots.

Chicago, June 12.—Price range on soybeans for the week ended June 10:—Sample grade, high, 81c.; low, 71c.

London, June 4.—Soybean oil, British crude, 27s. 6d. per hundredweight; palm kernel oil, refined, 29s. per hundredweight; rapeseed oil, crude, extracted, 34s. per hundredweight; coconut oil, Ceylon, 25s. per hundredweight; peanut, Indian, crude, 27s. 9d. per hundredweight.

Linseed Oil

Flaxseed prices were irregular with trading in future in Northwestern centers more active. Linseed oil was steady at the recent advance. Cake higher. Meal firmer but unchanged.

Flaxseed—DULUTH, June 12.—A tumble of 8c. a bushel in Duluth flax prices between June 5 and 9 reflected reports of good rains and cooler weather in the Northwest. Advices later this week, however, indicated large sections in North Dakota received scarcely more than a sprinkle in the precipitation last weekend, and that both grain and flaxseed crops will require exceptionally good weather throughout the season to produce even average yields. For the time being, however, crops had a respite from high temperatures, and more rain was hoped for to maintain surface soil conditions. Business in cash flaxseed here has been on a larger scale recently as the country cleaned up its old crop supplies.

The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.68½	$1.68½	$1.66¼
Monday	1.65	1.65	1.61¾
Tuesday	1.64	1.64	1.61
Wednesday	1.65	1.65	1.61½
Thursday	1.68	1.68	1.68½
Friday	1.70½	1.70½	1.65½

Crop movement in bushels follows:—

	Receipts		Shipments	
	1936.	1935.	1936.	1935.
This week..	49,111	2,820	....	3,692
Since Aug. 1...	2,914,704	280,627	277,601	451,249

MINNEAPOLIS, June 12.—The desire of Duluth shippers to fill out two cargoes for eastern shipment pepped up the cash flax market during the past week and prices were all of firm compared with futures. Call for northern flax at diversion points was very good most of the time. Receipts were fair and there were a number of clear-up cars moved in from North Dakota territory.

Considerable of the seed came from southern Minnesota points and showed rather poor quality. Rainfall in South Dakota stirred up somewhat of a movement from that state and a few cars came in from Montana. In fact, there was a general movement and a larger number of clean-up cars than usual.

Local crushers were fairly active buyers of the sort of seed tuat came to this market. They did not show real competitive spirit but at the same time they cleaned the receipts up from day to day, regardless of quality. Local public elevator stocks increased 5,000 bushels in three days. Shipping advices are falling off again and smaller receipts are looked for shortly.

Crop and seeding news mostly bearish at the moment. When moisture developed farmers started to put in extra acreage. Some cutworm damage has been suffered in southern Minnesota. Rains germinated some dry fields that farmers thought they would have to give up on account of the lack of moisture. Right now the outook averages good with moisture supplies good in Minnesota, South Dakota, eastern and central North Dakota and most of Montana.

No. 1 seed on spot is quoted at 1c. to 6c. over July for local unloading. If a local buyer wants choice northern seed he has to pay up to 7c. over in competition with Duluth buyers.

The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.70½	$1.64½	$1.63
Monday	1.66¾	1.60¾	1.58¼
Tuesday	1.65¾	1.59¾	1.57¾
Wednesday	1.67	1.61	1.58½
Thursday	1.69½	1.63½	1.60¾
Friday	1.73	1.66	1.63

Crop movement in bushels as follows:—

	Receipts		Shipments	
	1936.	1935.	1936.	1935.
This week..	44,240	82,210	15,160	16,370
Since Sept. 1...	7,923,260	4,641,036	1,364,010	936,900

WINNIPEG, June 12.—The market for flaxseed futures was irregular with trading quiet. Cash demand was light. The week's closing range was as follows:—

	Cash.	July.	Oct.
Saturday	$1.43½	$1.43½	$1.40⅛
Monday	1.41¼	1.41¼	1.37½
Tuesday	1.42¼	1.42¼	1.38⅛
Wednesday	1.42⅞	1.42⅞	1.38⅞
Thursday	1.44½	1.44½	1.40
Friday	1.45	1.45	1.41¼

BUENOS AIRES, June 12.—Open prices per bushel on June contracts were:—

	Last week.	Last year.
Saturday	$1.18⅞	$0.99⅝
Monday	1.19⅜	1.00⅜
Tuesday	1.18⅝	1.00½
Wednesday	1.19⅝	1.00
Thursday	*..	1.00⅜
Friday	*..	*..

* Holiday.

Exports

To—	Bushels. Last week.	Previous week.	Last year.
United States	.....	146,000	.....
United Kingdom	4,000	.....	4,000
Continent	272,000	878,000	1,169,000
Orders	181,000	20,000	110,000
Others	.....	43,000	.....
Totals	457,000	1,087,000	1,283,000

Since January 1

To—	Bushels. This year.	Last year.
United States	5,582,000	8,629,000
United Kingdom	295,000	679,000
Continent	14,087,000	17,783,000
Orders	6,877,000	11,321,000
Others	1,214,000	1,908,000
Totals	28,055,000	40,320,000

Visible Supply

	Bushels.
Last week	6,299,000
Previous week	6,693,000
Last year	6,693,000

INDIA—Exports of flaxseed from India last week were as follows:—

To—	Bushels. Last week.	Previous week.	Last year.
United Kingdom	132,000	132,000	56,000
Continent	4,000	.....	.....
Others	20,000	.....	4,000
Totals	156,000	132,000	60,000

Since April 1—	Bushels. This year.	Last year.
United Kingdom	2,236,000	1,268,000
Continent	540,000	176,000
Others	20,000	.....
Totals	2,796,000	1,448,000

HULL, June 12.—Quotations on flaxseed were:—

	Per ton La Plata.	Calcutta.
Saturday	£10⅞	£12⅞
Monday	10⅞	12⅞
Tuesday	10⅞	12⅞
Wednesday	10⅞	12⅞
Thursday	10⅞	12⅞
Friday	10⅞	12⅞

Linseed Oil.—The market was quieter last week but the tone was steady despite a downward trend at times in flaxseed prices as a result of the breaking of the drought in parts of the Northwest. Oil quotations were maintained at 8.8c. to 9.1c. per pound in tankcars, according to crusher, and there was little disposition on the part of sellers to push matters at the inside figure although it was intimated in some quarters that list prices could be shaded by a point or two on a bid.

The falling off in demand for oil was attributed by some to the improvement in crop prospects in the Northwest following rains. Withdrawals on contracts here apparently held up well, however ,and advices from some outside centers were to the effect that the recent increase in the movement into consuming channels was maintained with the tendency in some instances towards further expansion.

Demand from crushers for cash flaxseed was reported as good in the Northwest and cash premiums over futures were held at recent levels. Although crop accounts from most sections were more favorable following the breaking of the drought, bullish reports continued to be received from some points where the precipitation was too light to be of much benefit. According to some advices further generous rains will be needed in many parts of the Northwest in the near future as subsurface moisture is insufficient for the needs of the crop for any length of time.

There was little change in the character of crop accounts from India and Argentina. In the latter country planting is said to have made good progress under favorable weather conditions. There were no shipments from Argentina to the United States last week and the exports to other countries were considerably smaller than in the previous period.

MINNEAPOLIS, June 12.—There was quite a spurt in oil sales last week and some larger lots were moved to the trade. Mostly the business consisted of cooperage car lots and a few tankcar lots. Warehouse business was better than during the preceding week and on the whole trade was even better than normal for this particular time of the year.

Quite a bit of inquiry for new crop oil was inspired by dry weather reports from the northwest and Canada but crushers did not report the booking of important quantities for later than summer shipment. Some stuff was taken for early fall delivery.

Shipping instructions on maturing contracts are fair to good and during the week past proved quite satisfactory with most crushers. Operations are proceeding at an unchanged pace and stocks in tanks are decreasing steadily. Crushers are dipping into their private bin stocks of seed to keep their presses going.

Quotations on carload lots f.o.b. Minneapolis, June-December shipments, cooperage, 8.9c. per pound, tankcar lots 9.3c. per pound, warehouse lots 9.9c. per pound.

Shipments of oil in pounds were as follows:—

	1936.	1935.
This week	2,978,072	1,644,982
Since Sept. 1	89,514,045	44,162,669

CHICAGO, June 12.—Linseed oil has been able to make back a part of the recent price recession, based on a firmer view held by sellers and reports of a shade better developments along the lines of consumption. The sources of supply are now holding for slightly higher prices than was the case recently. Buyers have taken out fairly good sized quantities in the way of protecting their requirements, mostly for early needs. Ruling prices are:—Tankcar, 8.9c. per pound; drums, car lots, 9.5c.; warehouse deliveries, five drums, 9.9c.

SAN FRANCISCO, June 8.—There continues to remain an indifference on the part of buyers in this market to contract ahead. Supplies are being taken out on a prompt delivery basis in most cases, owing to the rather uncertain position of prices. The tone of the market is easy at this time, although sellers here recently posted advanced quotations. Oil in tankcar lots is available at about one-half cent below the list. Quoted:—Tankcars, 9.5c. per pound; drum carlots ex mill, 10.1c.; drum lots ex warehouse, 10.5c. Meal is quoted at $26 to $28 per ton.

LONDON, June 12.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	25	0
Monday	24	9
Tuesday	24	9
Wednesday	24	6
Thursday	24	9
Friday	24	9

Cake and Meal.—The market had a firmer tone with some improvement noted in the export inquiry for cake while trade in meal remained slow. Offerings were light on spot and there was apparently little cake available late in the week below $23.25 per ton. Some business was reported to have been closed on that basis. Meal on spot was maintained at $30.50 per ton. Available supplies here and at outside points were said to be small.

MINNEAPOLIS, June 12.—Demand for linseed meal is general but not aggressive. Buyers ned moderate amplification of stocks from week to week because of the small supplies held when business revived unexpectedly this spring. This keeps the local reserve well cleaned up and crushers today talked of advancing prices a dollar a ton.

Brokers have been covering short accounts whenever opportunity offered and will continue to do so unles there is a change in conditions and the interior demand lets up. Currently it is expected that farm buying will continue at a fair pace despite recent rains. Shipping instructions on old and maturing contracts are very satisfactory in the main and there is virtually no reserve of meal on hand here.

Quotations on car load lots, f.o.b. Minneapolis, 100-lb. sacks, 30 percent protein, $22 to $22.50 per ton; 37 percent protein, $26 to $26.50 per ton.

Shipments of meal in pounds were as follows:—

	1936.	1935.
This week	3,368,743	924,912
Since Sept. 1	191,271,969	65,906,200

CHICAGO, June 12.—Tone of the linseed meal market has been improving definitely and visibly recently, along with a more receptive attitude on the part of buyers. Feeders have come into the market in fair numbers and are now showing some concern over the state of their pasturage, which is forcing them to take out rather sizable quantities of meal. Sellers on the other hand are not very anxious to sell over-much now. Round lot business continues not very active. Prices are moving slightly higher. Ruling quotations are:—Round lots, $27 per ton, largely nominal; car lots, $27 to $27.50; less than car lots, $29.50 to $30.

Cottonseed Oil

Local and Southern markets for cottonseed products were quieter last week but the prevailing tone was steady or firm. Offerings of crude oil and other products in the South were light. Cotton crop news from the Eastern states was mainly bullish.

Cottonseed Oil.—Speculative operations in the market for refined oil fu-

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

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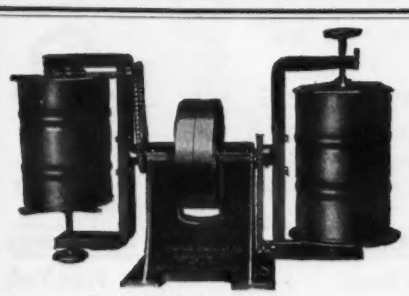
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tures was on a smaller scale last week, commission houses having fewer orders and local traders being disposed to curtail operations for a time. The fact that the monthly government cottonseed report was impending made not a few traders disinclined to enter extensively into fresh commitments on either side of the account. Estimates of the probable disappearance of oil during the past month covered an unusually wide range and a desire to await the publication of the figures apparently had not a little to do with the slowing down of trading. There was also a disposition among some to await further developments in the crop situation. Accounts from some parts of the cotton belt, notably the Southwest, were more favorable last week but from many other sections distinctly bullish reports continued to be received.

Prices showed irregularity. Changes were generally within comparatively narrow limits, however, and to some the undertone on the whole appeared to be rather firm. Offerings of contracts were noticeably light at times. Southern markets for cottonseed products were generally firm. There were reports of sales of crude oil at 7⅞c. to 8c. per pound. Offerings in all sections were reported as light. Products which compete with cottonseed oil were mostly firm and in some instances higher. A further advance occurred in tallow and grease. Lard compound was advanced 25c. per 100 pounds. There were reports of some improvement in demand for that product.

Consumption of refined cottonseed oil in April was about 205,000 barrels. Some guesses on the quantity consumed in May were around that figure, others considerably lower, while some were higher. The consumption in May last year was 222,203 barrels. Production of margarin in the United States in April was 32,301,816 pounds against 33,794,262 pounds in the previous month and 37,419,487 pounds in April last year. Hog prices in the West were generally firm although marketing continued to run ahead of last year. Receipts in the principal centers for four days of the week were 180,100 head or about 30,000 head more than for the same time last year. The average weight of the hogs received in Chicago during the week ended June 6 was 251 pounds. This compared with 250 pounds in the previous week, 246 pounds in the week before that and 254 pounds in the same week last year.

Showers were reported at scattered points in the Eastern cotton belt but the precipitation was generally light. According to some reports the crop has suffered considerable damage from drought. The weekly government report stated that a good many places remain dry with permanent damage to the crop, especially in northern Georgia and parts of the Carolinas. On the other hand improvement was reported in Texas with the general condition of the crop in that state mainly fair to good. In Oklahoma progress was mostly satisfactory but much cotton was washed out or covered up by heavy rains in the western portion.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from June 6 to June 12, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
June	...	...	9.00 nom.	..
July	9.12	8.90	9.00@ 9.06	78
August	...	...	9.00 nom.	..
September	9.10	8.88	8.98@ 9.00	104
October	9.01	8.92	8.90 sales	63
November	...	...	8.80 nom.	..
December	8.85	8.65	8.73 sales	60
January	8.85	8.85	8.74@ 8.78	1
Total sales (54 switches)				360

Crude, Southeast, 7.87½@8.00c. nom.
Valley, 7.87½@8.00c. nom.
Texas, 7.75@7.87½c. nom.

Chicago, June 12.—Buyers have found a moderatey firm market situation in cottonseed oils here in the last few days. While there is some disposition of market observers to speculate over the recently made claims that cottonseed oil and lard markets were drifting apart from their past relationships, little market development was observed of a nature traceable to that theory. Good, off-Summer, yellow fig oil is 9⅜c. Refined, edible oil is quoted at 10c. to 10¼c. per pound, barrels, car lots; and 10½c. to 11c., barrels, less than car lots.

Hull, June 12.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	26	0	23	6
Monday	26	0	23	6
Tuesday	26	0	24	0
Wednesday	26	6	25	0
Thursday	26	6	25	0
Friday	26	6	25	0

Cake and Meal.—A steady or firm tone prevailed in Southern markets although trade was generally reported as quiet. The trend of meal was upward at times, however, spot quotations being reported as 50 cents or more per ton higher in some sections as compared with the quotations prevailing at the close of the previous week. Offerings continued to be reported as light.

Markets at Other Centers

Atlanta, June 10.—Cottonseed products are steady, with meal slightly stronger. Crop conditions are generally unfavorable in the Southeast, due to poor stands, resulting from drouth. Showers are now improving growing conditions, but reports indicate that the stand of cotton is generally not more than 50 percent in the Southeast.

Quotations of this market are as follows:—

OIL.—Prime crude, 7⅜c. to 7½c. per pound.
MEAL.—7 percent grade, $23.50 per ton.
HULLS.—Loose, $13 per ton.
LINTERS.—Second cut, 3½c. per pound.

Memphis, June 12.—The market for crude cottonseed oil was more active and firmer during the past week, round lots changing hands at 8c., Valley basis, with this price still bid. Mills have advanced their views to 8¼c. Crude stocks in this section are now greatly reduced. Cottonseed meal a shade firmer at $22 per ton for 41 percent on spot, Memphis basis, and $21.50 per ton in Mississippi. Demand light but no selling pressure on market. A considerable open short interest in the July option still remains to be liquidated. The cotton crop in this section is now doing nicely.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	June 4.	June 11.
July	$21.25@21.50	$21.25@——
September	20.50@21.00	20.75@21.25
October	20.10@20.50	20.75@——
December	20.25@20.50	20.50@21.00

Animal Oils

Degras.—A firm tone continued to prevail with quotations well maintained. Business was generally of a conservative character but some increase was noted in the volume of orders received, buying interest being stimulated by strengthening developments in competing product.

Lard.—Quotations remained where they stood at the close of the previous week but the tone of the market was regarded by some as having undergone improvement recently as a result of the recovery in raw material. Demand lacked snap but there was a somewhat better inquiry for small or moderate quantities.

Neatsfoot.—Previous selling schedules were adhered to with the tone of the market apparently somewhat steadier. No broadening of trade was reported but a fair inquiry was noted in a jobbing way.

Oleo.—The market had a steady tone, quotations being maintained at previous levels. There was a fair demand but consumers were not inclined to anticipate.

Markets at Other Centers

Chicago, June 12.—Animal oils seem rather inclined toward continuing along an easier market price strain, as has been the market situation with them for some time. Buyers are not anxious to come into the market for extensive quantities, and accordingly some sellers seem willing to consider an easier price position in order to move material. Tone as a whole is a little unsettled and apparenty uncertain, watching basic markets.

LARD.—No. 1, 8c. to 8¾c. per pound; No. 2, 7¾c. to 8c.

OLEO.—No. 2, 8½c. to 8¾c.

TALLOW.—Acidless, 6¾c. to 7c. per pound, tanks; 8¼c. to 8½c., drums, less than car lots.

DEGRAS.—Spot, 6c. to 6¼c. per pound; neutral, domestic, 9c. to 9½c.

Fish Oils

Menhaden.—A firmer tone developed in the market for refined oil, this being regarded by some as a result of the recovery in tallow and other competing products. Quotations were advanced 4 points by refiners. Buying interest showed an increase. Consumers in many cases were apparently carrying small supplies and in some instances sales for the week showed considerable improvement over recent preceding weeks. Crude oil continued nominal but the tone of the primary market was reported as firmer.

Sardine. — Selling schedules were raised 4 points by refiners, the upturn in the market apparently being traceable to a recovery in the markets for other commodities. Business was more active though consumers did not show much disposition to anticipate to an important extent. Crude was quiet and steady on the Coast.

Sperm.—A firm tone prevailed, quotations being maintained at previous levels. There was a rather good demand from local and outside consumers.

Whale.—The market was more active, buying interest being stimulated by developments in other commodities. The tone was steadier though no quotable change occurred in prices.

Markets at Other Centers

San Francisco, June 8.—A rapid sweep of events came into the fish oil picture last week on the Pacific Coast as approximately one-half of the new season Canadian pilchard oil production was contracted, while at the same time word was received here of the sudden introduction of a duty and tax provision in the Bailey Amendment to the Revenue Bill in Washington applying to fish oils produced on the high seas by American floating plants. The measure was introduced by Senator McAdoo.

About 150 tankcars of Canadian pilchard oil were said to have moved at 22 cents per gallon, apparently for consumption in Canada. Complete details on the transaction were not at hand, although it was regarded in trade circles here that this price did not necessarily affect the nominal position of fish oils of American manufacture owing to the high duty. California and Oregon oils are considered to be worth at least 3 cents per gallon more.

The sudden introduction of the McAdoo provision into the Bailey Amendment, which would virtually place fish oils produced off the Pacific Coast by floating factories on a basis with foreign oils, upset the local situation here and left the market in a state of confusion. So far there has been no trading in future positions on California and Oregon oils, the trade declaring that oil out of the coming season here is as yet untouched. The McAdoo provision would add a duty of 5 cents per gallon, plus 3 cents per pound tax to the oil produced off shore and would stop domestic consumption, with the result that the desired revenue would never be realized, it was pointed out in the trade here today. It has been expected that floating reduction operations on the Pacific Coast would account for over a third of the coming season's production.

Floating reduction factories, with bases in Coast ports, but whose operations mostly extend to the high seas, have been the subject of proposed limitations of operations just recently, an attempt to have them licensed under federal regulations, so that conservation measures could be made applicable to them. Restrictions on fish tonnages used are imposed on shore plants, while floating plants have not been obliged to answer to conservation regulations.

Spot sardine oil is strictly nominal at from 28 to 30 cents per gallon in tankcars.

Chicago, June 12.—Fish oils remain inactive and somewhat slack insofar as the price situation is concerned. Buyers are not displaying sufficient purchasing tendencies to keep prices here more than barely steady, in face of somewhat easier market talk on east and west coasts regarding respective conditions there. Inquiries are slow.

COD.—Newfoundland, 40c. to 41c. per gallon.
MENHADEN.—East Coast, 33c. to 34c. per gallon.
SARDINE.—Pacific Coast, 28c. to 30c. per gallon.
SALMON.—Pacific Coast, sellers' tanks, 31c. to 32c. per gallon, largely nominal.

Fats and Greases

Grease.—The market continued to be characterized by a firm tone, the trend of prices still being upward, with most grades showing an advance of about ⅜c. per pound for the week. Buying interest was more active though purchasing was generally along conservative lines.

Lard.—Changes in cash quotations were generally narrow during the week as fluctuations in the market for futures at Chicago were within a smaller range than in the previous week, speculative sentiment there apparently being more bullish than recently. Business here was generally limited to moderate quantities, consumers being disinclined to anticipate. Marketing of live hogs was lighter than a year ago.

Stearin. — The market was easier early in the week, sales being reported at as low as 6¾c. per pound, but later on offerings were lighter and the market had a steadier appearance.

Tallow.—The firm tone which developed late in the previous week remained in evidence during the past week. There were numerous inquiries in the market but offerings were light, and transactions were apparently limited to moderate quantities. The last business reported here was on the basis of 4⅞c., f. o. b., for extra but in some quarters higher prices were asked.

A firmer situation was also reported in Western markets for tallow with an increase in the inquiry from soapers though no transactions of importance were noted. Prime packers was quoted at 5¼c., Chicago basis with sellers disinclined to push matters. Offerings of foreign tallow were also light. Importations of inedible tallow during four months of the current year ended with April, according to preliminary official statistics, were 17,314,274 pounds, or nearly 50,000,000 pounds less than in the corresponding period last year.

Following is a record of the market for tallow futures on the New York Produce Exchange from June 6 to June 12, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
June	...	...	4.90 bid	..
July	5.15	4.95	4.95@ 5.15	2
August	...	...	5.00 nom.	..
September	5.27	5.21	5.15@ 5.25	10
October	5.35	5.20	5.20@ 5.35	3
November	...	...	5.25 nom.	..
Total sales				15

Markets at Other Centers

Chicago, June 12.—The cash lard market has been giving evidence of trying to find itself and establish a stable basis in this period of steadily increasing inventories in the western markets, while facing what some observers feel to be the likelihood of further additions to stocks. Shipping trade has been fair, domestic and export, with some sellers rather optimistic about the foreign situation.

The range of lard quotations from the opening Saturday, June 5, to the close Friday, June 12, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$10.12	$10.15	$10.12	$10.15	$10.15
July	10.07	10.22	10.07	10.15	10.17
Sept.	10.12	10.27	10.10	10.20	10.17

TALLOWS (tierces).—Edible, 5½c. to 5¾c. per pound; prime, 4¾c. to 5c.; fancy, 4¾c. to 5c.; prime renderers', 4¼c. to 4½c.; B country, 3¾c. to 4c.

GREASES (tierces). — Choice white, 5⅝c. to 5¾c. per pound; A white, 5c. to 5¼c.; B white, 4⅜c. to 4½c.; yellow, 10-15, 4¼c. to 4¼c.; yellow, 16-20, 4c. to 4¼c.; brown, 3⅜c. to 3⅞.

STEARINS (barrels).—Prime oleo, 7¼c. to 7½c. per pound; lard, packages, 10⅜c. to 10½c.; A white grease, 5c. to 5¼c.; A white grease, export, 5¾c. to 6c.; yellow grease, 4c. to 4¼c.; extra oleo stocks, 9⅜c. to 10c.; No. 2 stocks, 9¼c. to 9½c. (Oleo stocks in car lots.)

Liverpool, June 12. — Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	July. s.	d.	Sept. s.	d.	Oct. s.	d.
Saturday	52	0	48	3	49	9	49	9
Monday	51	6	47	6	49	0	49	0
Tuesday	51	6	47	6	49	0	49	0
Wednesday	52	0	47	3	49	3	49	3
Thursday	52	0	47	9	49	3	49	3
Friday	52	0	48	0	49	9	49	9

Liverpool, June 12. — Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	25	0	21	9
Monday	25	0	21	9
Tuesday	25	0	21	3
Wednesday	25	0	21	3
Thursday	25	0	21	3
Friday	25	0	21	3

Fatty Acids

Red Oil.—The market had a steadier tone but selling schedules were without change. There was a fair inquiry from local and other buyers though few consumers were disposed to purchase ahead.

Stearic Acid.—The recovery in raw material prices was reflected in a steadier tone in the market for stearic acid but aside from this the situation lacked new features. Business was along conservative lines on the basis of previous quotations.

Markets at Other Centers

Chicago, June 12.—Buying of fatty acids is by no means stagnant, but it has been of a rather mixed and scattered nature. The result has been that the price structure reveals little in the way of definite change, but is continuing about as for some time past. Buyers are taking moderate amounts and are unwilling to "reach" for material at offered prices without canvassing for lower material. As a whole, however, the tone seems fairly good.

FATTY ACIDS.—Corn oil, double distilled, 5¾c. to 6c. per pound, tankcar; 6¼c. to 6½c., barrels, car lots; 6¾c. to

(Continued on page 65)

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 4

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Potassium Hydroxide USP Sticks
Potassium Iodide USP Crystal, Granular or Powder
Silver Nitrate USP Crystal
Sodium Bromide USP Powdered
Sodium Hydroxide USP Sticks (Caustic Soda)
Sodium Potassium Tartrate USP Crystal or Powder
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Drugs, Fine Chemicals

All Quinine Salts Prices Advanced Suddenly — Basic Cause Not Revealed — Severe Reduction Made in Quotations on Strychnine Alkaloid and Sulphate—Agar Agar Up

Two price features broke on the drug and fine chemical market last week with a suddenness that was but little less than startling. Quotations on all quinine salts were advanced and the prices on strychnine alkaloid and sulphate were reduced sharply. Neither development had been forecast and in the instance of the quinine development, the advance was difficult to account for.

The decline in strychnine alkaloid and sulphate prices was quite the severest change in quotations to come in that material for a long time past. For a while, a deal of stability seemed to have been achieved. If memory be correct, the last previous period of low prices and keen competition ended when the NRA code under which the producers operated became effective. The code being no longer the "law of the land," competition again has wrecked the price structure. To meet what last week was described as "chiseling," leading producers reduced the prices on alkaloid and sulphate to a point where sales are unprofitable but also to a level by which the "chiseling" is likely to be stopped. No change in the prices on other strychnine salts was made.

The advance in quinine came suddenly. Why the advance? Even the interest most closely identified with the Dutch quinine interests were unable to account for the upward movement. Holland was still on the gold standard, although the Dutch exchange had been under considerable pressure of late. Stocks of raw material in the primary market were high and were more likely to increase than otherwise. World production of quinine was ample in all sense of the word. Light may be shed on the situation later on.

Agar agar was a strong item. Prices in Japan were advanced substantially last week and the rise there was reflected in the quotations made here. Also, demand was a supporting element in the market. Alcohol prices for the third quarters, or possibly the balance of the year, were being awaited with interest. Quicksilver was quiet and foreign metal was priced at levels that tended to discourage an expansion in domestic production. Mercurials lacked change. Purified bromine prices remained unchanged notwithstanding the recent drop in quotations on potash and soda bromide. Production of bromides in Japan and Russia was said to be gaining.

Acid, Citric.—Very good demand was current during the past week. Seasonable weather throughout large areas of the country, and particularly in the East, resulted in a steady flow of substantial quantities of this acid into a widening consuming channel. Undertones were steady and prices were firm.

Acid, Hydriodic.—The market has become steady on the lower level of prices that developed in keeping with the recent reduction in quotations on crude iodine, the raw material for the manufacture of this acid. Demand was normal and prices were well maintained.

Acid, Lactic.—Movement of the U.S.P. article was well up to the volume noted for some time past and the result was steady prices and an absence of much in the way of competition in terms of prices. Stocks were said to be ample.

Acid, Tannic.—Prices have failed to yield further ground. In fact, the situation seemed to be considerably improved and undertones were steadier to firmer in most quarters. Demand has been of considerable influence in developing the steadier position.

Agar Agar.—Import costs continued to rise and local quotations could do no less than reflect in part the strong situation developed at the source. No 1 on spot was quoted at 70c. to 71c. per pound and No. 2 was held for 67c. to 68c. Demand has been good.

Alcohol.—The trade awaited notice of prices to prevail over the balance of the year, or at least during the third quarter of the year. The undertone of the market appeared to be generally steady and the movement of production into consumption was about even with normal expectancy at this season. Stocks seemed to be ample in all directions. Production costs were not expected to be appreciably, if any, lower than they were during the past year but it was conceded that other conditions might operate against that fact and produce some change in price alignments on the various formulas of denatured alcohol.

Aloin.—Quotations held steady on the basis of the recent decline and the market as a whole lacked in signs of new developments to come. However, so far as prices were concerned, further change was directly hitched to the cost of raw material and the latter was still somewhat easy last week.

Amidopyrene.—A seasonal movement was reported but the total volume of business was still on the conservative side. Prices remained generally steady in the absence of much competition in local circles.

Antipyrene.—Consumption was along normal lines and was of steady character. Prices were without change last week and seemed to be well maintained as well as being free from disturbing influences in the way of competition between distributors.

Bismuth Metal and Salts.—There was practically nothing new to report in the situation. The price of metal was apparently firm and consumption of the metal proceeded along normal lines that produced a satisfactory total volume of trade. Movement of salts was routine in all respects and prices for the group were steady.

Borax.—Excellent progress was made with the contracting of requirements over the balance of this year and with prices having been extended, consumers were prompt in placing their commitments. The market displayed a steady quality that argued well for the future.

Bromine and Bromides.—The recent reduction in quotations on potash and soda bromides was not accmpanied by any change in the price for purified bromine. Quotations on the latter held at 36c. per pound in car lot quantities, at the works. Bromides were steady last week. Some reports suggested increased production of bromides in Japan and Russia.

Brucine.—Transactions were within normal limits and prices on both sulphate and alkaloid were steady to firm. Stocks were ample. Production costs were well maintained by the absence of weakness in the prices prevailing on raw material.

Camphor.—Fair demand but a lack of expanding interest in the article was reported last week and the market as a whole had a steady undertone. Replacement costs were maintained in Japan and signs of weakness there were lacking. Sales of the domestic synthetic article were said to be very good.

Castoreum.—The supplies available throughout the world were moderate in size and they were acquired at prices not suggesting any early change of values in favor of manufacturing consumers. The situation was one indicative of a steady and well maintained position.

Castor Oil.—Very good demand was reported and a steady price structure prevailed in all quarters. Production was about up to the output from the plants during recent weeks. Movement into consumption was also well maintained at recent volume.

CHICAGO, June 10.—Sellers of castor oil report they are encountering a good volume of business, with the buying trade interested in fairly large amounts of

Price Changes

Prices were changed during the past week as follows:—

Advanced

Agar agar, No. 1, 3c. per lb.
No. 2, 3c. per lb.
Quinine, alkaloid, 2c. per oz.
acetate, 2c. per oz.
arsenate, 2c. per oz.
arsenite, 4c. per oz.
bisulphate, 2c. per oz.
citrate, 2c. per oz.
dihydrobromide, 2c. per oz.
dihydrochloride, 2c. per oz.
ethylcarbonate, 7c. per oz.
ferrocyanide, 1c. per oz.
formate, 2c. per oz.
glycerophosphate, 2c. per oz.
hydrochloride, 1½c. per oz.
hydrochlorosulphate, 2c. per oz.
hydroiodide, 2c. per oz.
hypophosphite, 2c. per oz.
phosphate, 1c. per oz.
salicylate, 2c. per oz.
sulphate, 2c. per oz.
sulphocarbolate, 2c. per oz.
tannate, 2c. per oz.
tartrate, 2c. per oz.
valeriate, 2c. per oz.
Quinine-urea hydrochloride, 2c. per oz.
Silver bullion, London, ⅛ pence per oz.

Reduced

Strychnine alkaloid, 15c. per oz.
sulphate, 12c. per oz.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
178.8	183.6	184.0	186.4

Market news that may have developed after this report was sent to press will be found on page 2.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 4

PROCTER & GAMBLE
Largest Producers and Refiners
of
CHEMICALLY PURE GLYCERINE
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

RUSSIAN WHITE MINERAL OILS
Genuine Imported U. S. P.
FLAG BRAND WHITE OILS
All Viscosities
TECHNICAL WHITE OILS FOR INDUSTRIAL USE
Stocks carried in New York and other cities
S. Schwabacher & Co., Inc., 25 BEAVER STREET NEW YORK

PINE TAR FOR EXPORT
We specialize in export of all grades of Pine Tar, including special grades to buyers' specifications.
Samples and quotations f. a. s. U. S. A. Ports or c. i. f. Overseas Ports on request.
Enquiries from Indent Buyers solicited.
For full particulars apply to
ATLANTIC, WHITE SEA AND BALTIC CO., Inc.
80 JOHN STREET, NEW YORK

The World Renowned Benckiser
TARTARIC ACID
CRYSTALS—POWDER—GRANULAR
Guaranteed U. S. P.
OBTAINABLE FROM
WILLIAM NEUBERG, INC.
441 Lexington Avenue, New York City
MUrray Hill 6-1990

material for prompt shipment. Inquiries have been in fair aggregate volume. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Codeine Salts. — Production costs were firm in keeping with the situation in raw material. Output was fully equal to the present call for the material, the producers being supplied with sufficient quantities of opium to assure themselves of an ample stock of derived material.

Codliver Oil.—Production in Norway was running substantially behind that of record at any time during the previous four years and as a result the basic position of the oil at the source tended toward firmness even though demand from foreign countries was not particularly active. Locally, the market was in a waiting stage. Many consumers have already bought futures liberally and at fairly low prices in the primary market.

BERGEN, May 25.—Last week the total yield was 1,872 barrels of crude medicinal codliver oil, against 3,374 barrels the preceding week. The total catch and production in this country up to the present time compare with previous years as follows, according to the official report issued today:—

	Cod, kilos.	Crude oil, barrels.
1936	125,100,000	53,388
1935	109,400,000	56,531
1934	134,200,000	71,337
1933	135,300,000	66,218
1932	158,600,000	80,180

Glycerin.—The market held firm. Movement of production at the refineries was about level with their output and the cost of manufacture was little different than the fairly high level which had been set by the cost of crude. Dynamite glycerin was in good request and outlook for the future favored continued consumption in excellent volume.

CHICAGO, June 10.—Holders of contracts for c.p. glycerin seem willing to take material out quite steadily. The movement of the product is reported good. Meanwhile other grades of the product are in good tone and move readily. Ruling prices are:—C.p., drums, car lots, 14½c. per pound; drums, less than car lots, 15c.; cans, less than car lots, 16½c. to 17½c., according to quantity; dynamite, car lots, 14½c.; less than car lots, 15c.; soaplye, 11½c. to 12¼c.; yellow dis-

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 4

SHERKA
MENTHOL CRYSTALS
SYNTHETIC
THYMOL U. S. P.
CRYSTALS
MUSTARD OIL
ARTIFICIAL U. S. P.
CAMPHOR
SYNTHETIC
UREA
TERPIN HYDRATE U. S. P.
SHERKA CHEMICAL CO., INC.
86 ORANGE STREET, BLOOMFIELD, N.J.
Telephone Bloomfield 2-6800

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Write for free illustrated literature and interesting 40-page catalog.
PROPELLAIR, INC., SPRINGFIELD, OHIO

EXCHANGE Citric Acid is manufactured by the Exchange Lemon Products Company of Corona, California. Backed by the Sunkist group of 13,200 citrus growers—largest in the world.

Immediate shipments from warehouse stocks in New York, Chicago and Philadelphia. For prices on kegs, barrels or carloads, write nearest office.

MADE FROM AMERICAN LEMONS
Products Department
CALIFORNIA FRUIT GROWERS EXCHANGE
189 W. Madison St., Chicago, Ill. . . . ONTARIO, CALIF. . . . 99 Hudson St., New York, N. Y.

tilled, drums, car lots, 14⅝c.; less than car lots, 14⅞c.

Iodine and Iodides.—Cost of crude was unchanged and hence the prices on all derived products were maintained free from change. Consumption has varied very little of late but it has had a fairly steady quality. Competition for business remained quite keen.

Menthol.—Interest in the material was not very active and to all intents and purposes seasonal dullness had the market down to a strictly jobbing basis. Prices lacked further change but they were easy and subject to easy unsettlement when firm orders should develop.

Mercurials.—Raw material continued to be steady and the mercurial market was no more unsettled than it usually is under the competition which has prevailed in the market for so long a period of time that the time of its beginning is very remote. Competition was still aggressive and seemed likely so to remain.

Methyl Acetone. — Competition was keen and actual prices seemed to be established only at the time when orders were placed. That was particularly so when it came to business of substantial size. No change in the openly quoted schedule was made, however.

Milk Powder.—Higher prices seemed to be in the making. Drought has reduced the production of milk and hence the output of milk powder has tended to decrease of late. Also, demand has been influential in strengthening prices as the call has been very good.

Potash Citrate.—A fair sized but not enlarged demand was noted and on the whole trade was said to be about normal in volume. Quotations were steady in keeping with the lack of further unsettlement in the cost of raw material. Stocks seemed to be ample to cover any expansion in request.

Potash Glycerophosphate. — While the needs for this article did not appear to be especially large, the call was at least steady and volume was fair. Production costs were well maintained by what is being paid for raw material. Competition was negligible.

Quicksilver.—Little change in the general situation was noted. Home production was comparatively small and was not likely to be increased so long as foreign metal was obtainable at what the domestic miners declared to be very low prices. Demand was fair to moderate last week. Open quotations were 50c. lower at $75 to $76 per flask.

SAN FRANCISCO, June 8.—Quicksilver is showing up slightly easier at the present time, according to the trade here. Selers, however, have not materially altered their New York asking price and continue to quote along the same lines as the previous week. Foreign competition of metal is said to be depressing conditions somewhat. Prices are quoted at $75 per flask in 100-flask lots, new York delivery basis; local quotations, 65c. per flask less.

Quinine.—Prices were advanced. New quotations were as follows:— alkaloid, 74c. per ounce; acetate, 98c.; arsonate, 98c.; arsenite, $1; bisulphate, 53c.; citrate, 71c.; dihydrobromide, 74c.; dihydrochloride, 74c.; ethylcarbonate, 74c.; ferrocyanide, $1; formate, 93c.; glycerophosphate, $1.13; hydrochloride, 66½c.; hydrochlorosulphate, 74c.; hydriodide, 98c.; hydrophosphite, 98c.; phosphate, 81c.; salicylate, 72c.; sulphate, 53c.; sulphocarbolate, 96c.; tannate, 57c.; tartrate, 96c.; valerate, 96c.; quinine and urea hydrochloride, 74c. The advance came suddenly and representatives most closely connected with the Dutch factors were unable to give the reason for the advance. Holland was still on the gold standard but her exchange has been under pressure.

Saccharin.—Very good request was noted and so far as could be learned prices were in an apparently steady position. Consumption was showing its usual improvement coincident with the season of the year.

Santonin.—A stable market appeared to prevail locally. Quotations were not subject to the keen competition that had prevailed in the past. Demand was moderate and along conservative lines. Stocks were ample.

Seidlitz Mixture.—Buyers were in the market for quantities of normal size and on the whole the situation seemed to be fairly steady in most quarters. Quotations were held free from change. Competition was current to a moderate extent.

Silver Nitrate. — The schedule of prices since the last reported prevailed at the following, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44¾	20
Monday	32⅝	44¾	20⅛
Tuesday	32⅝	44¾	19⅞
Wednesday	32⅝	44¾	19⅞
Thursday	32⅝	44¾	19⅞
Friday	32⅝	44¾	19⅞

Soda Benzoate.—Shipments to contract buyers were said to be moving out very well and in a volume indicative of a substantial manufacturing requirements during the months ahead. Prices were in well stabilized position throughout the past week.

Soda Citrate.—Routine request that was also somewhat irergular from day to day was reported on the spot during the past week. Inquiries were not numerous. Most orders called for conservative quantities of merchandise. Prices seemed to be fairly steady.

Soda Perborate.—The market was undisturbed so far as competition was

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 4

Pepsodent Wins Right To Mark 'Pearledent'

WASHINGTON, June 9, 1936.

The Pepsodent Company, Chicago, has prevailed in its opposition to the registration by the Comfort Manufacturing Company, also of Chicago, of the word "Pearledent" for use as a trademark on dentifrices.

The Court of Customs and Patent Appeals this week decided that "Pearledent" when used on dentifrices would be confusingly similar to the trademark "Pepsodent" which is used on identical goods, and that the Pepsodent Company was first in the field and has the prior right. In so deciding, the Court overruled the Patent Office, which had dismissed the opposition, and which in turn had reversed the examiner of interferences.

The Pepsodent Company claimed that it has used its mark continuously since 1915, while the Comfort Manufacturing Company could not show use prior to 1931.

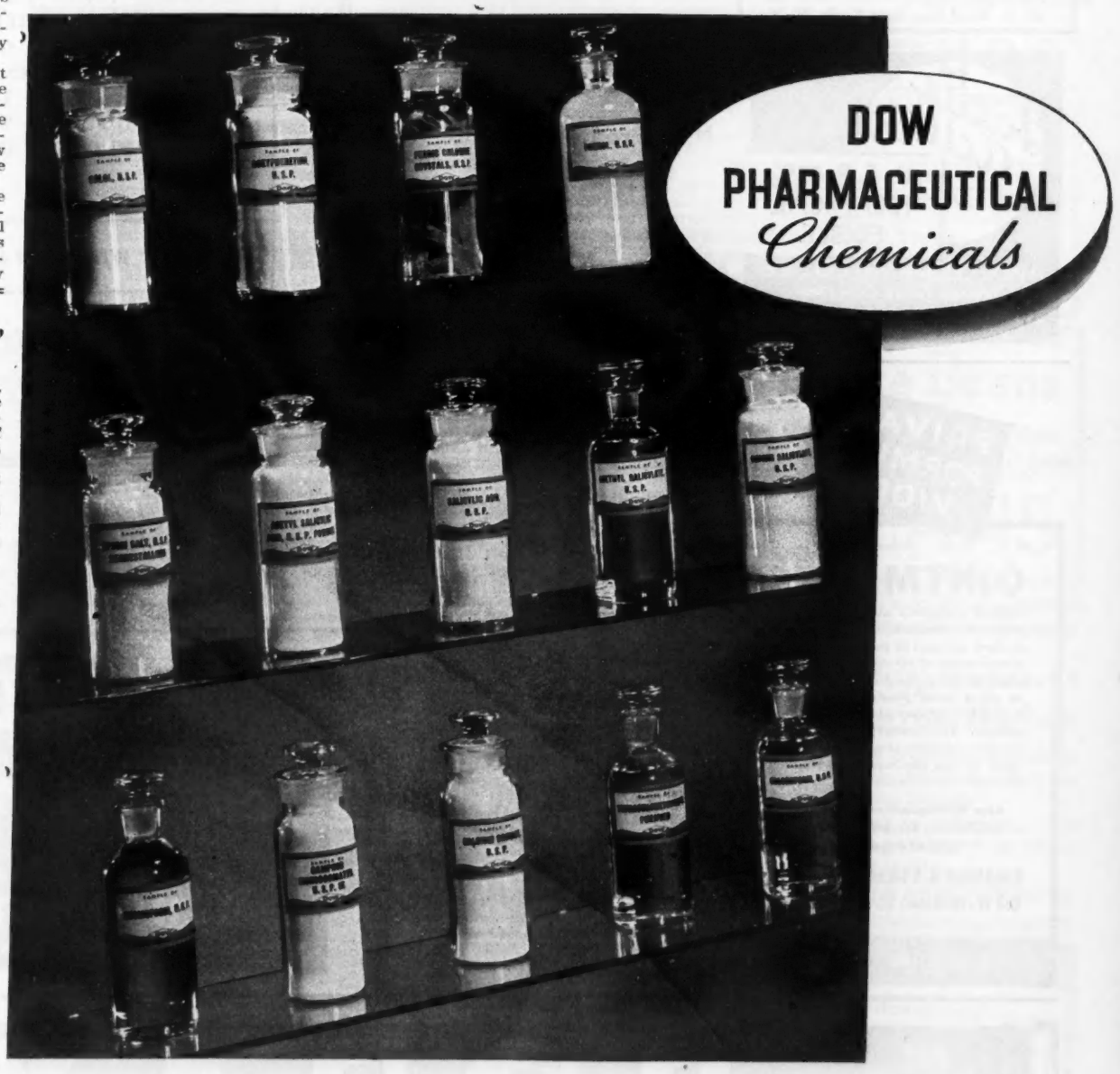
Drug Store Chain Sales in April Showed Increase

Sales of chain drug stores for the month of April, 1936, showed an increase in comparison with the sales for the corresponding month of last year, according to a Department of Commerce report issued in a monthly series. Average daily sales during the month were 4.6 percent higher than in April, 1935. Compared with the same month a year ago, tobacco sales increased 7.6 percent; fountain sales increased 8.3 percent, and all other sales increased 2.0 percent.

Without allowance for seasonal variation, April sales were 3.2 percent higher than sales in March of this year. Tobacco sales increased 3.6 percent from March to April; fountain sales increased 4.7 percent, and all other sales increased 2.5 percent. Total net sales increased 3.2 percent from March to April, 1936, and increased 4.6 percent over the total net sales for the corresponding period of a year ago.

The figures were computed from reports received from 38 companies reporting sales in identical stores for the three periods compared. The store units were located in 36 States and the District of Columbia, and represented about 42 percent of the total chain store units. Sales were reduced to a daily average basis before the percentage changes were calculated. Equal weight was given to each day of the calendar months involved.

American Chlorophyll, Inc., formerly of Washington, D. C., has established headquarters in a spacious factory on the Potomac River at Alexandria, Va. The move was necessitated by a blaze two weeks ago which destroyed the Washington plant. Production has been resumed and deliveries are being made as usual.



Thirty-seven Dow pharmaceutical chemicals, every one highly regarded and extensively used, combine to give Dow the staunch favor it enjoys with pharmaceutical and medicinal products manufacturers.

Since the majority of these products originate in a single, basic chemical source, they benefit from intensive research and *controlled* production. Thus, they offer exceptional standards of purity together with undeviating characteristics.

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Branch Sales Offices:
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Second and Madison Streets, St. Louis

DOW

A PARTIAL LIST OF DOW PHARMACEUTICAL CHEMICALS

Acetphenetidin, U.S.P. • Antipyrine, U.S.P. • Benzoic Acid, U.S.P. • Minor Bromides • Carbon Tetrachloride, C.P. • Chloroform, U.S.P. • Epsom Salt, U.S.P., Recrystallized • Ferric Chloride, U.S.P. (Solution or Crystals) • Glycine • Magnesium Sulphate, Desiccated • Phenol, U.S.P. • Acetyl Salicylic Acid, U.S.P. (Powder or Crystals) • Acetyl Salicylic Acid, Granulation, 10% starch (White, Pink, Green) also 16% and 20% starch (White) • Methyl Salicylate, U.S.P. • Salicylic Acid, U.S.P. • Sodium Salicylate, U.S.P. • Minor Salicylates • Sodium Benzoate, U.S.P. • Strontium Bromide, U.S.P., IX • Tetrachlorethylene, Purified • Trichloracetic Acid, U.S.P.

concerned. The producer indicated a steady position that was in keeping with a very good movement into consumption. Distributors held that their requirements were normal in volume.

Strychnine.—Prices on alkaloid and sulphate were reduced. New quotations were as follows:—Alkaloid, powder, 100-ounce lots, 38c.; 25-ounce lots, 41c.; crystals, 10c. per ounce higher; sulphate, powdered, 100-ounce lots, 32c.; 25-ounce lots, 35c.; crystals, 10c. per ounce higher. Raw material costs have changed very little and have been considered to be firm. The reduction in quotations was caused by quiet competition that eventually caused the principal producers to established a schedule calculated to end what some called "chizeling."

MILK SUGAR
NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
Powdered Granular
Impalpable
NATIONAL MILK SUGAR CO., Inc.
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Lactic Acid
U. S. P. 85%
TECHNICAL
EDIBLE
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Factory—Elizabethport, N. J.

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OINTMENTS
Skilled chemists and workmen—modern efficient machinery—a perfect set-up for packaging—the preparation of all display matter—and shipping. To handle any part or all of your production. Confidential relations absolutely guaranteed. Preliminary consultation involves no obligation. Established right in the Metropolitan District for your convenience.
Also Headquarters for Drugs, Chemicals, Essential Oils, and Allied Products.
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202 W. Houston Street, New York
"IF IT'S A DRUG · WE HAVE IT"

Sulphur Output in 1935 Increased 15 Percent

Production of sulphur in the United States in 1935 amounted to 1,632,590 long tons, compared to 1,421,473 tons in 1934, according to a report on the industry by the Bureau of Mines. Shipments increased slightly, from 1,613,838 tons, valued at about $28,900,000 in 1934 to 1,634,990 tons, valued at about $29,300,000 in 1935. The quantity of sulphur in stock at the mines on December 31, 1934, 3,100,000 tons, was unchanged at the close of 1935.

Production of sulphur was reported from California, Louisiana, Texas, and Utah. Texas again was the leading producer state, the output in 1935 being 1,253,814 tons, or 77 percent of the country's total, compared with 1,187,233 tons in 1934. Production was on two new leases on Boling Dome, Wharton County in 1935 by the Duval Texas Sulphur Company and by Baker & Williams. Other properties that contributed to the production in 1935 were those of the Duval Texas Sulphur Company at Palangana Dome, Bena-Sulphur Company at Bryanmound and at Hoskins Mound, Freeport, Brazoria County, and the Texas Gulf Sulphur Company at Long Point Dome, Long Point, Ft. Bend County, and at Boling Dome, Newgulf, Wharton County.

Louisiana increased its production of sulphur 62 percent in 1935 with an output of 373,283 long tons compared with 229,830 tons in 1934. Shipments however, decreased from 307,186 tons in 1934 to 275,747 tons in 1935. As in 1934, Freeport Sulphur Company and Jefferson Lake Oil Company, Inc., were the producers.

N.Y. Production Club Outing June 26 to 28

The New York Paint and Varnish Production Club will hold its annual outing June 26-28 at Sayville, L. I., where club members will be guests of the Titanium Pigment Company.

Headquarters will be at Cedarshore Hotel. A buffet supper will be served June 26 and an inspection of the Titanium Pigment Company's test panels will be held the following morning. Sports in the afternoon, followed by dinner and a floor show in the evening will complete the Saturday program. Late Sunday afternoon, the club will hold a business session. Transportation by special train leaving the Pennsylvania station at 7 o'clock (EDT), Friday evening, or leaving Jamaica at 7:15 o'clock, can be arranged through Austin O. Allen, of the A. C. Horn Company, Long Island City. The outing will be closed to all but members of the club.

Chemist Club to Golf June 25

The golf tournament of the Chemists Club, this city, will be held at the Rye Country Club June 25. The Carlton Ellis cup and a wide variety of prizes will be open for competition to members and guests. The feature of the tournament will be a triangular contest, consisting of teams chosen from representatives of New Jersey, Long Island and Westchester. Robert J. Quinn, of the Mathieson Alkali Works, Lincoln Building, 60 East Forty-second street, is in charge of the tournament.

Tung Oil Output Grows 50% in Southern States

Tung oil production of the State of Mississippi this year will total approximately 1,000,000 pounds, according to C. C. Concannon, chief of the chemical division of the Bureau of Foreign and Domestic Commerce, in a letter to J. C. Holton, Mississippi Commissioner of Agriculture. Mr. Concannon places the entire production of tung oil in the Southern states at 2,000,000 pounds for 1936. Mississippi produces half or more of the entire tung oil in the country.

In his estimate for 1936, Mr. Concannon points out that only 300,000 pounds were produced in 1935. Tung tree growth has been good, particularly in Florida and Mississippi, and the latter state has more tung nut acreage than all other southern states combined, about 43,000 acres, while the entire South has 65,000 to 70,000 acres.

Necessity for increased production of tung oil in this country is shown by the fact that in the first three months of this year, Hankow, China, has already exported 39,122,000 pounds of tung oil to this country, compared with 23,390,000 pounds in the same period of 1935.

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for
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S. B. PENICK & COMPANY
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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

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Industrial and Fine
CHEMICALS
Since 1918 we have been serving many of the largest producers and consumers here and abroad with a service that has gained their
CONFIDENCE
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Reg. U. S. Pat. Off.
PURITY GUARANTEED OVER 99.5%
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"TRONA" MURIATE OF POTASH
TRONA Reg. U. S. Pat. Off.
A 95-98% Grade for Agricultural Use.
A Special High Grade for Use in the Manufacture of Industrial Chemicals.
AMERICAN POTASH & CHEMICAL CORPORATION
70 PINE STREET - NEW YORK
Stocks carried in principal cities of the United States and Canada

Botanical Drugs, Gums

Weather Conditions Not Generally Propitious for Excellent Growth of New Crop — Labor Supply Distinctly Moderate in Primary Markets—Local Prices Hold Steady

Considering the fact that the Summer season is close at hand and that a drop in demand for these entities is to be expected, business in the market for botanical drugs was very fair in the week just ended. While individual quantities purchased may have been conservative in size, there was an excellent run of orders, the number of which resulted in a good-sized total volume of sales being built. Undertones in the market were steady to firm and the number of price changes was quite the smallest for a number of weeks in the recent past.

Some news concerning crop conditions has been received and most of it has not been favorable to the production of botanical drug stocks in excess of moderately sized quantities. In this country, lack of ample rains has taken some toll of the prospects for domestic production this year. To this not favorable circumstance was to be added the fact that labor in the hills of the South is none too plentiful so far as the collection of botanical drug merchandise is concerned. Together, they cast some shadow on the prospects for the current season.

Dry weather in Europe has also been reported. The progress of the crop has not been too satisfactory, and some of the shippers have already been talking about a higher average cost of new crop merchandise this year. Local dealers were prone to take such information with a liberal quantity of salt, feeling that it is far too early for information on the size of the crop to have the advantage of being positive and definite.

Spot trading was confined to requirements needed promptly. While it was possible that some consumers might be willing to place contracts for some of their early requirements next year, for the most part the tendency was to hold aloof and to await crop and price developments that were expected to be favorable as the season advances. It was significant that local dealers held views that were mainly steady so far as quotations were concerned. There was, apparently, no overstock of unsold goods on hand at the present time.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these seeds by the Department of Agriculture because of the presence of matter rendering the seeds unfit for human consumption, were:—

	Bags	
	Detained.	Entered.
Anise	1,292	1,389
Caraway	4,033	10,886
Cardamom (cases)	140	1,331
Celery	85	2,128
Coriander	1,438	3,112
Cumin	160	2,965
Dill	55	65
Fennel	180	341
Mustard	...	9,151
Poppy	...	11,332
Sage leaves (bales)	52	.....
Sesame	121	172,150
Thyme herb (bales)	52	30
Totals	7,608	218,995

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, Spanish, ¼c. per lb.
Celery seed, French, ¼c. per lb.
Clove, Madagascar, ½c. per lb.
Zanzibar, ¼c. per lb.
Fleaseed, Indian, ¼c. per lb.
Ginger, Japanese, 3c. per lb.
Hempseed, ¼c. per lb.
Poppyseed, Dutch, 10 points.
Sabadilla seed, powdered, 1c. per lb.

Reduced

Aloe, Curacao, 2c. per lb.
Colchicum seed, 1c. per lb.
Dandelion root, 1c. per lb.
Lady slipper root, 2c. per lb.
Pariera brava, 1c. per lb.
Pelitory root, 1c. per lb.
Pepper, white, Java Muntok, ¼c. per lb.
Pimento, ¼c. per lb.
Pumpkin seed, ¼c. per lb.
Strophanthus seed, 5c. per lb.
Valerian root, 1c. per lb.

Comparative Values

Index number compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
107.4	107.5	107.7	83.9

Market news that may have developed after this report was sent to press will be found on page 2.

Barks

Angostura. — Hand-to-mouth business was the rule and the market as a whole was quiet and without signs of new developments. Prices were about steady in most quarters.

Black Haw.—To some extent it was a buyers' market but on the whole sellers kept firm views as to prices and had in mind, apparently, the fact that replacement with new crop goods at low prices was most unlikely. Demand was moderate.

Cinchona. — Quinine manufacturers advanced prices last week notwithstanding the fact that huge stocks of unsold cinchona bark remain in the Far East without a market capable of reducing them very much. Spot prices on bark held unchanged.

Lemon.—The firmer market at higher prices continued to prevail and conditions indicated the probability of values being well maintained for some time to come because of the present cost to replace.

Orange Peel.—Prices were not advanced further but the market was very firm and based on prevailing replacement costs. Current quotations were said to be fully warranted. Demand was fair.

Beans

Tonka.—Moderate demand was current in volume sufficient to keep quotations to an exceptionally firm basis throughout the past week. Stocks were not excessive in any quarter and known needs of the trade tended to make sellers very firm in their views as to the value of present unsold reserves.

Vanilla.—The outlook favored an extended period of high prices. The fact that production throughout the Far East has been reduced sharply by unremunerative prices is expected to keep values for Bourbon vanilla beans tending upward in proportion to the volume of consuming demand. Cables from France confirm this view and stocks of good quality beans in that market were strongly held last week. Local quotations were exceptionally steady and the tendency was for prices to advance.

Berries

Cubeb.—Cables revealed no weakness in prices and the market as a whole showed firmness that was in keeping with the presence of a demand accounting for supplies in excellent fashion at the source Locally, undertones were very firm and demand was fair.

Juniper.—Steady consumption of the article was reported, but it was believed that present stocks will cover all requirements between now and the marketing of a new crop this year. Prices were firm.

Flowers

Chamomile.—Roman flowers were lower at 28c. to 30c. per pound under competition in a market not notable for good demand. Hungarian flowers lacked change, but they were still unsettled and the tendency of values was downward.

Lavender.—With a lower duty coming June 15, sellers on spot showed a willingness to accept business as low as 80c. per pound on a grade of goods said to be classifiable as select. The range was to $1 per pound, according to seller.

Pyrethrum.—Leading importers continued to report that principal buyers were aloof from the market in anticipation that lower prices still will develop on the new crop production. No further changes in import costs were announced openly last week, but it was intimated that lower prices would be made if firm orders should be placed.

Rose.—Red flowers were down to $1.55 to $1.60 per pound and the pale were noted also lower at 14c. to 15c. These movements were sympathetic with the lower duties that are coming on these articles in as of June 15.

Saffron.—The market was somewhat easy, but prices were lacking in quotable change, notwithstanding. Demand

Balsams

Copaiba.—Quotations were stronger and the market showed a tendency to-

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on Page 4

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Aloes
Aniseed
Benzoin Gum
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Buchu Leaves
Cardamon Seed
Cinchona Bark
Cinnamon Bark
Cochineal

Ergot
Ginger Root
Henna Leaves
Insect Powder
Licorice Root
Mustard Seed
Orris Root
Papain
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TRADE MARK

was somewhat narrow on the whole, and hence sellers were disposed to at least entertain bids. Stocks of the Mexican article were very low.

Gums

Aloe.—The market was on the easy side as compared with its position not so long ago. This applied to Curacao gum more especially. The situation in Cape aloe was one of strength based on undersupply at the source. The situation as to stocks on spot was also unfavorable. Demand was moderate. Curacao gum was lower at 21c. to 22c. per pound.

Arabic.—The market was routine in character and lacked many signs of substantial improvement to come. Buyers were conservative in their placing of orders, keeping purchases down close to their actual requirements. Local quotations tended downward under the influence of a quite active competition on spot. Shipments for March were 2,488 tons, compared with 1,667 tons in March, 1935. Shipments during January-March, 1936, totaled 6,690 tons, compared with 5,074 tons in the corresponding period of 1935. Chief destinations were as follows:—

	Tons	
	1935. Total.	1936. Total.
Great Britain	872	1,542
United States	955	1,002
France	419	1,466
Germany	452	759
Italy	427	4
Belgium	395	375
Japan	631	389
Holland	179	259
Spain	93	67
Sweden	99	126
Australia	214	143
China	52	99
Canada	27	48
Denmark	17	60
Finland	45	24
Rumania	..	22
Turkey	4	23
Greece	20	29
Egypt	35	31
Argentine	51	29
Brazil	6	39
Other countries	20	61

Guaiac.—Stocks were very small, and there was no reason to expect that they can be replaced more than moderately until such time as shipments from the primary market are of a quality meeting the regulations of the Department of Agriculture. Prices were strong and to a considerable extent were almost nominal because of small stocks.

Myrrh.—The market remained underpriced compared with the cost to replace the material in the primary market. Competition has kept values on spot below the replacement cost. Demand was sufficiently moderate to encouraged continued competition for orders.

Herbs and Leaves

Buchu.—The market was strong. Local dealers were faced with steadily rising replacement cost and an equally steady decrease in stocks available for shipment from the primary market. Local demand was not very active so far as consumers were concerned, but with the future of the article apparently committed for strength, dealers maintained prices and awaited further developments.

Digitalis.—Dealers were interested to see in what form of container future arrivals would come from Europe. It is believed that it will be tin-lined cases. The market was firm on the spot and demand was said to be very good, especially for broken package lots.

Sage.—Somewhat more inquiry was reported and the market gained in firm undertones throughout the past week. Values were well maintained and there was no tendency toward shading.

Senna. — Outlook favored steady prices for some time to come, especially as concerned the Alexandrian material the supply of which was thought to be somewhat less than normal. Demand for spot goods was fair and prices were very steady.

Stramonium.—Request was irregular throughout the period, but prices remained steady for the reason that they are already on the low side. Competition was no less active than it had been of late.

Miscellaneous

Colocynth Pulp.—The market was lower at 50c. to 55c. per pound, a movement revealing the continued competitive character of the spot market and the not very active consuming requirement current at this time.

Guarana.—Demand was limited to prompt requirements and volume was not very large. Quotations remained steady at 65c. to 70c. per pound, but it was not exactly certain that a firm order in hand might not be placed for somewhat less money.

Irish Moss.—Preparation of products against the season of consumption lying ahead accounted for a steady and very good sized demand for this material. The result was a firm price position and lack of much competition in local circles.

Lycopodium.—Not much demand was current, but the market remained firm for the reason that unsold stocks on the spot were small and it was proving difficult to obtain normal shipments from Europe.

Papain.—In all respects it was a buyers' market and there were not many who last week came to the spot for more than moderate supplies of the material. Quotations were easy at $1.25 to $1.30 per pound for powdered material.

Roots

Dandelion.—The market was down to 17c. to 18c. per pound. Next to no demand was reported in most directions and the season ahead is usually the slowest of the entire year so far as consumption is concerned. Some quarters desire to reduce stocks to be carried in the hot season when damage is easy.

Lady Slipper.—Sales were made at 30c. to 32c. per pound, according to quantity last week, but the call was not very active. Outlook for new crop collection reaching more than a conservative total was said to be rather poor.

Pareira Brava.—Under competition last week, business was done at the slightly lower level of 13c. to 14c. per pound, and trade was distinctly light at all times despite the more attractive figure.

Pellitory.—Inactivity in the market has softened the views of some sellers, and there were offerings on the spot at 16c. to 17c. per pound last week. This was a slight reduction, but it cannot be said that demand was much stimulated thereby.

Valerian.—Sales of this item have been made at 10c. to 11c. per pound, a lower price than had been openly quoted of late. New crop is growing now and some felt that the low prices obtained by shippers during the past year might result in some curtailment of the output. Demand was negligible on spot.

Seeds

Anise.—The outlook for a crop reduction in Spanish anise was emphasized in cables last week and the confirmation came in company with higher shipment prices and generally stronger views abroad. On the spot quotations were up to 9¾c. to 10c. per pound.

Colchicum.—Business was comparatively light and on the development of one order last week sales were made at the lower quotation of 25c. to 26c. per pound, this being evidence of a more competitive position on spot.

Fennel.—French fennel was in very light supply and the market remained firm, being supplied mainly from seed definitely known to have originated in India. Demand was fair and some sellers found difficulty in making deliveries.

Flea.—Production in India has decreased to the extent that prices have advanced substantially. They were higher again last week and local quotations reflected the situation by rising to the basis of 7¼c. to 7¾c. per pound. French seed tended to become sympathetically stronger and somewhat higher prices were expected should those on India seed continue to rise.

Pumpkin.—Although it was the fag end of the season and hence stocks were not excessive in size, competition resulted in sales being made on the slightly lower basis of 9c. to 13c. per pound, depending on quality as to the price actually to be paid on firm orders.

Sabadilla.—Holders of powder continued to strengthen their views because of the excellent prospect for stocks to be reduced when the government refuses to permit recleaning of imports of whole seed. Quotations were higher at 21c. to 22c. per pound.

Strophanthus.—Competition brought sales at $1.60 per pound and the range was to $1.65 per pound on Kombe seed, depending on seller. Sales volume had been moderate for some time past, thus encouraging a tendency toward shading.

Spices

Cassia.—Inquiry was light and demand generally was confined to comparatively small needs. Prices remained steady to firm in keeping with the well maintained prices that were cabled to this market from the Far East.

Clove.—Interest in spot offerings were not numerous, nor was the primary market the recipient of more than very moderate inquiry concerning shipment parcels. Notwithstanding this, prices at all points remained generally firm. Madagascar clove on spot was higher at 14c. to 14½c. per pound; Zanzibar, 14¼c. to 14¾c.

Ginger.—Routine request was the rule but in view of the firmness in which unsold stocks in primary markets were held, spot quotations were well maintained at all times and there was no tendency to shade even under competitive circumstances. Japanese root was higher at 14½c., nominal.

Peppers.—Another week passed without there having been any substantial change in the general situation in all kinds of peppers. For the most part, primary markets reflected a fairly firm price position and as larger demand was expected, shippers were disposed to await further developments, holding prices unchanged in the meantime. Local trade was routine. White Java montauk on spot was down to 10¾c. to 11¼c. per pound.

Pimento.—Under competition, spot quotations were off a fraction to the basis of 12¾c. to 13¼c. per pound and there was also a slight unsettlement in the primary market position of the article. Demand was irregular in local circles and was mainly to provide for immediate needs.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on Page 4

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Trade News Briefs

American Can Company has awarded a contract for the construction of an addition to its plant in Jersey City to cost $600,000. Construction is expected to be completed by October 15.

German exports of cosmetics to Latin America have shown a steady and substantial increase in recent years. The volume of this business was expanded about 35 percent from 1933 to 1935.

Soda silicofluoride imports into the United States increased from 1,652 tons in 1934 to 2,058 tons in 1935. Denmark was the chief source of this material, supplying about 63 percent in each of the two years.

Armstrong Cork Company has called for payment July 1, at 102 and interest, $300,000 of its debenture 4s, due July 1, 1950, at the Union National Bank, Pittsburgh, or the Guaranty Trust Company, this city.

Blue vitriol imports into Brazil in 1935 amounted to 1,607 metric tons, compared with 984 tons in 1934. Germany made substantial gains in this trade in 1935 because of lower prices than those of British manufacturers.

Grasselli Chemical Company, Charlotte, N. C.; the General Chemical Company, Philadelphia, and Phipps & Birds, Inc., Richmond, Va., have been awarded contracts to furnish acids and ammonia requirements of State institutions in North Carolina.

Kentucky tax of 5 cents a gallon on diesel oil applies to contractors engaged in building a public road for the State, according to an opinion given by Guy H. Herdman, assistant attorney-general, to H. D. Palmore, secretary of the Kentucky Association of Highway Contractors.

New York Paint and Allied Industries Credit Association, at its recent meeting, presented a gold wrist-watch to Fred A. Wichelman, of the A. C. Horn Company, for his many years of meritorious service to the paint and allied group. Mr. Wichelman was recently promoted to trade sales manager for his company.

Johnson & Johnson, pharmaceutical specialists, New Brunswick, N. J., reports it will erect an addition to its plant in the industrial district of Chicago, and will sublease it to the Cellufoam Corporation of New Jersey, manufacturer of distended fibrous products, for a 15-year term at a total rental of $225,000.

Soda uranate is being produced at the rate of about 16,000 pounds a month by El Dorado Gold Mines, Ltd., Port Hope, Ontario. This material is used to a considerable extent in the ceramic industry in Canada. The Port Hope firm also produces radium and other uranium salts and plans to supply the entire Canadian demand.

Southern Alkali Corporation will construct two large soda ash storage silos at the company's plant near Corpus Christi, Tex. According to O. N. Stevens, operating vice-president, the silos will be used as reserve storage to facilitate the handling of large shipments of soda foreseen by the company officials in future demands.

Tung Oil in China Under Government Control

China's production and distribution of vegetable oils, including tung and perilla, has been placed under government control by executive decree, according to information received by the Department of Commerce from the commercial attache at Shanghai.

The decree provides for establishment of a semi-official corporation, capitalized at 2,000,000 yen (approximately $740,000), to be known as the China Vegetable Oil Refinery, Ltd., which will function as agent for China's vegetable oil industry, with the view to standardizing and improving production, and will have complete control over processing and storing tung, perilla and other vegetable oils. The corporation will also arrange financing, transportation and marketing facilities for the vegetable oil industry and is authorized to manufacture lubricating oils, paints and varnishes.

Headquarters of the corporation will be in Shanghai and eight branch plants will be established in various producing districts.

Essential Oils, Aromatic Chemicals

China Oils Continue Decline — Cedarleaf Stocks Rise and Prices Fall — Messina Lemon Higher — California Orange in Lessening Supply—Camphor Products Competitive

Although one of the largest houses reported last week that its May business had been the best in a number of years, and although practically all essential oil concerned indicated that business was fairly good, the general situation was one more likely to appeal to buyers than to sellers. There has been current of late a degree of competition that has kept values unsettled and made for a tendency toward lower prices when firm orders were in the open market. Last week was productive of a number of declines and only three advances.

China oils continued to show the easier tone that came with a resumption of more numerous offerings of oil in the shipment market. Spot quotations on both anise and cassia were lower and the situation did not appear to be opposed to further drop in values should the primary market position of the article continue to move in buyers' favor.

Of interest was the lower price on cedarleaf oil. The excessive shortage in spot stocks has been relieved somewhat by supplies of spot oil, obtained at fairly favorable prices, gaining considerably. However, normal reserves were still lacking.

Camphor oil and its products continued to show unsettlement that keen competition has kept to the front for some weeks past. Quotations on oil were lower last week in the open market and conditions seemed to suggest that firm orders might be placed for less than quoted limits. The position of artificial sassafras and safrol continued to favor buyers.

Dillseed oil was down, being a clear indication of the competition reported here for a number of weeks. On the other hand, weed oil remained very steady at full prices and was said to be moving very well. Clove oil in cans was slightly cheaper but the drum price held unchanged. Eucalyptus was not much in demand and values yielded to the element of competition.

Lemongrass continued to reflect low first cost and the spot price was lower last week. Orris concrete was shaded somewhat but replacement costs continued to hold.

Citrous oils moved very well and along seasonal lines. Stocks of California orange were said to be low. Messina lemon on spot was up slightly and the California oil was in good request.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Amber, refined, 2c. per lb.
Fennel, 5c. per lb.
Lemon, Messina, 5c. per lb.

Reduced

Anise, 1c. per lb.
Apricot kernel, Russian, 1c. per lb.
Cassia, 5c. per lb.
Cedarleaf, 15c. per lb.
Camphor, ½c. per lb.
Cinnamic aldehyde, 10c. per lb.
Clove, cans, 1c. per lb.
Croton, 5c. per lb.
Dill, seed oil, 35c. per lb.
Eucalyptus, 1c. per lb.
Lemongrass, 2c. per lb.
Orris, concrete, 25c. per oz.

Comparative Values

Index number compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
67.8	68.1	68.1	72.1

Market news that may have developed after this report was sent to press will be found on page 2.

Essential Oils

Amber.—Refined material was slightly higher at 52c. to 53c. per pound because of production costs but the quotations on crude amber oil remained unchanged but steady at 20c. to 21c. per pound.

Angelica.—Early reports indicated that the cost of production in Europe was not likely to decline as the outlook was poor for a bumper crop of raw material. Spot quotations were steady to firm at all times, even though demand was not very active.

Anise.—Quotations were a shade lower at 56c. to 59c. per pound for U.S.P. oil. The market continued to show a somewhat easier tendency that had developed with the reopening of offerings from the primary market on a scale more substantial than had been the rule for some time past.

Apricot.—Russian oil was understood to have been shaded to 19c. per pound. The article has been slowly making its way in this country notwithstanding the fact that the quality was said to be inferior to that of the California producers. Quotations on the latter merchandise were firm. Demand was moderate but steady.

Bergamot.—In keeping with the stability of costs in the Italian market, spot prices on this material were well maintained even though demand was no more than moderate at any time during the past week. Stocks here seemed to be caring very well for present consuming request.

Birch Tar.—Inquiry was said to be fair at all times, creating a market of steady undertones and holding competition well in check on the spot during the past week.

Camphor.—Quotations were off again. Sassafrassy in drums was noted at 13½c. to 14c. per pound while the white oil, also in drums, was quoted at 14½c. per pound. Conditions were sufficiently competitive to suggest that even these prices were being shaded when orders pended.

Caraway.—Under competition last week, business was done as low as $1.90 per pound, though most quarters were lowest at $2 per pound and some refused to accept less than $2.25. However, business has not been very active of late and there were those who had a disposition to shade.

Cassia.—Although not generally quoted on the open market, the USP quality of this oil changed hands as low as 95c. per pound during the past week. This was business placed under more than usual competition. The range, according to seller, was to $1.10 per pound.

Cedarleaf.—Some relief from extremely small stocks of this article has been achieved and spot quotations were lower at 65c. to 70c. per pound for oil in drums, and 70c. to 75c. per pound for the article packed in cans. Demand was routine.

Citronella.—Ceylon oil remained competitive and easy but prices lacked quotable change in the open market on spot. Java oil was down slightly to the basis of 30c. to 31c. per pound in drums. Somewhat routine request was reported on the spot last week, a condition tending to keep the market favorable for buyers with business to place.

Clove.—It was possible to buy spot oil in cans at a minimum of 96c. per pound last week, this being down slightly from recent figures. Quotations for material in drums lacked change but were very firm at 94c. per pound because of a further rise in the replacement cost of shipment prices on raw material.

Croton.—The market has been inactive save for jobbing business during recent weeks and therefore it developed last week that on firm business some quarters had disposed of goods at the slightly lower price of $1.35 per pound. It was not expected that concessions would go much further, this because of no weakness being noted in replacement costs.

Eucalyptus.—More disposition to compete for orders was noted and under the easing influence quotations were noted at 32c. to 33c. per pound for oil in drums and 34c. to 35c. per pound for the article packed in cans. Interest in the article was strictly routine.

Fennel.—Stocks were moderate in size and held in firm quarters for the most part. Minimum quotations were up slightly to the basis of $1.05 to $1.10 per pound.

Geranium.—Replacement costs held firm, particularly those prevailing on Bourbon oil. Spot quotations were also firm and the absence of more than moderate request failed to stimulate the development of competition likely to be productive of shading of prices.

Lemon.—Demand for California oil was said to be taking up quantities of excellent size and to be productive of a growth of more strength in the already very firm market undertones. Messina oil was higher at $1.15 to $1.80 per pound and it is probable that the more favored qualities, or brands, of oil would be minimum at $1.25. Italy continues to be a very firm market.

Lemongrass.—Because of the very low prices at which goods have been bought in the primary market in the

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not far distant past, spot quotations on the article have receded further to the basis of 43c. to 45c. per pound. And demand, at the lower price, was light.

Mace.—Stability continued to be the forthstanding condition in prices on this item. Sellers held the market to the basis of $1.10 to $1.15 per pound and reported ability to supply readily the current consuming request.

Mustard.—No further reductions in quotations on artificial oil were noted and for the most part competition that was productive of the recent drop in values was no longer pressing on the local market at least. A fair sized and steady movement into consumption was noted.

Orange.—Sales of the California article have been excellent enough to create a situation in which unsold stocks were distinctly small. In fact, some market gossip was that to a considerable extent quotations were close to being on a nominal basis at $2.25 per pound. Undertones continued to be firm on all other kinds of the material.

Orris.—Concrete was lower at $5.25 to $5.50 per pound but there has not been much of a shift in the replacement cost and the general situation remained one of substantial strength based on the prices at which replacements were held.

Patchouli.—Replacements were firm in price and offerings were by no means more than moderate in size. Local demand was very good and it gave added strength to the already well supported values prevailing for some time past locally.

Peppermint.—Crop progress was said to have been unsatisfactory to a considerable extent. Cold weather hurt proper germination of the roots and then delayed growth to give rise already to bearish reports concerning the probable production this year. Of late there has been a lack of moisture, according to some reports, and that is considered not to be propitious for the coming production. Against these advices was the spot opinion that it was far too early to talk about the size of the crop this year.

Sassafras.—Artificial oil was easy and competitive, resulting in prices remaining unstable and showing a disposition to move in favor of those buyers who came to the market with firm orders in hand. Raw material continued to be unsettled at lower levels.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 4

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Aromatic Chemicals

Amyl Phenylacetate.—Demand was moderate but always steady last week and some fair business was done on the basis of a firm market at $2.75 per pound.

Anethol.—The development of an easier situation as to raw material has failed as yet to affect prices on anethol. Sellers were still selling merchandise showing a fairly high first cost and hence maintained quotations on the moderate call noted last week.

Anisic Aldehyde.—The outlook seemed to favor the eventual development of more favorable prices. Such a movement would depend almost entirely on a continued decline in the cost of raw material. The latter has declined of late and the tendency seemed still to be down.

Benzyls.—Acetate, alcohol, benzoate, cinnamate and formate were all in competitive position and the price situation seemed to be distinctly favorable for buyers with firm business in hand. A routine business, equal to recent volume, was done last week.

Cinnamics.—Alcohol was down slightly to the basis of $3.40 to $3.50 per pound and demand was light at the decline. Ethyl came in for considerable interest at steady cost to the buyer. Methyl was not so well situated. Aldehyde moved in routine fashion at full prices.

Geraniol.—The market continued to be well stocked with good grade merchandise and the reduction in supplies was only moderate because of the not very active consuming request for the article. Prices were not better than steady.

Linalool.—The range was narrower, top prices being lower and the market as a whole ranging $1.90 to $2.10 per pound, according to seller. Business was limited to smaller requirements of a limited number of manufacturing consumers.

Linalyl Acetate.—Good request was current. The flow of business was steadier and volume was somewhat greater than it had been of late. Prices were somewhat more firmly maintained in the presence of a limited competition for local business.

Menthol.—The market continued to be weak and competitive. Movement of synthetic material into consumption was said to be holding up very well but the call for natural menthol was occasional in a market where prices were subject to keen competition.

Musk.—Official prices lacked change but they seemed to be fairly competitive and the situation still held elements that were not unlikely to produce eventually lower selling levels on the local market.

Phila Production Club Elects

The Philadelphia Paint and Varnish Production Club, at its meeting June 4, elected the following officers:—President, W. R. Horack; vice-president, D. H. Parker; treasurer, Walter Norris, and secretary, A. H. Stover. An evening of entertainment was provided by Herman Zimmerman, and invited guests included many members of the Save the Surface Salesmen's Club and the Philadelphia Chemical Club.

Robert MacDonald, of Ungerer & Co., this city, and Mrs. MacDonald, have been blessed with a son, Robert, Jr., born May 29. Mr. MacDonald is New England representative of the Ungerer company with headquarters in Boston, and his home in Waban, Mass.

Bids and Awards

Bids Wanted

Acetylene and Oxygen

Commanding Officer, Picatinny Arsenal

Bids are wanted by June 19, circular 417, by the Commanding Officer, Picatinny Arsenal, N. J., for 300 tanks of oxygen and 125 tanks of acetylene.

Commanding Officer, Rock Island Arsenal

Bids are wanted by June 22, circular 671, by the Commanding Officer, Rock Island Arsenal, Ill., for 250,000 cubic feet of oxygen, as required during the fiscal year 1937, and by June 22, circular 672, for 200,000 cubic feet of acetylene gas, as required during the fiscal year 1937.

Marine Corps, Washington

Bids are wanted by June 19, schedule 11, by the Quartermaster, Marine Corps, Washington, for 16,000 cubic feet of acetylene gas for welding purposes, and 32,000 cubic feet of oxygen gas for welding purposes.

U. S. Engineers, Huntington, W. Va.

Bids are wanted by June 16, circular 243, by the U. S. Engineer Office, Huntington, W. Va., for approximately 36,000 cubic feet of acetylene and 88,000 cubic feet of oxygen, as required during the period July 1 to December 31.

U. S. Engineers, New York

Bids are wanted by June 17, circular 468, by the U. S. Engineer Office, First District, 39 Whitehall street, New York, for 13,500 cubic feet of acetylene and 11,440 cubic feet of oxygen.

U. S. Engineers, Vicksburg

Bids are wanted by June 16, circular 289, by the U. S. Engineer Office, P. O. Box 667, Vicksburg, Miss., for 85,000 cubic feet of oxygen and 60,000 cubic feet of acetylene.

Alcohol

Panama Canal, Washington

Bids are wanted by June 18, schedule 3153, by the General Purchasing Officer, Panama Canal, Washington, for 10,000 wine gallons of ethyl alcohol.

Asphalt

Treasury Department, Bismarck

Bids are wanted by June 22, procurement 2330, by the State Procurement Officer, Treasury Department, Bismarck, N. D., for 48,000 gallons of emulsified asphalt.

Chemicals and Drugs

Chemical Warfare Service, Edgewood Arsenal

Bids are wanted by June 19, circular 98, by the Chemical Warfare Service, Edgewood Arsenal, Md., for 1,000 pounds of commercial butyric acid and 250 pounds of calcimine, violet N or pontamine, violet N.

Treasury Department, Washington

Bids are wanted by June 17, procurement 4548-SP, by the Purchase Division, Bureau of Supplies, Treasury Department, Washington, for supplies of drugs and chemicals for Perry Point, and by July 17, classes 51 and 70, for supplies of acids, chemicals, and gases as required during the period July 1 to June 30.

Panama Canal, Washington

Bids are wanted by June 18, schedule 3153, by the General Purchasing Officer, Panama Canal, Washington, for 50,000 pounds of calcium carbide, 2,400 pounds of manganese linoleate, 5,000 cans of caustic soda, 50,000 pounds of zinc oxide, and 20,000 pounds of zinc oxide.

Gasoline and Oil

Quartermaster, Fort Oglethorpe

Bids are wanted by June 22, circular 129, by the District Quartermaster, Fort Oglethorpe, Ga., for 200,000 gallons of gasoline; 20,000 gallons of lubricating oil, and 8,000 gallons of kerosene.

Hydrogen Gas

Second Corps Area, New York

Bids are wanted by June 17, circular 5, by the Ordnance Officer, Second Corps Area, Governor's Island, New York, for supplies of hydrogen gas for various deliveries.

Lard and Lard Substitute

Department of Justice, Washington

Bids are wanted by June 19, schedule 1156, by the Assistant Director, Bureau of Prisons, Department of Justice, Washington, for supplies of cottonseed salad oil, lard substitute, and nut margarin for various deliveries.

Lard Oil

Commanding Officer, Frankford Arsenal

Bids are wanted by June 18, circular 518, by the Commanding Officer, Frankford Arsenal, Pa., for 5,000 gallons of mineral lard oil.

Linseed Oil

Panama Canal, Washington

Bids are wanted by June 18, schedule 3153, by the General Purchasing Officer, Panama Canal, Washington, for 15,600 pounds of boiled linseed oil, 15,500 pounds of raw linseed oil, and 77,000 pounds of raw linseed oil.

Paint and Varnish

Chemical Warfare Service, Edgewood Arsenal

Bids are wanted by June 23, circular 99, by the Chemical Warfare Service, Edgewood Arsenal, Md., for 300 gallons of enamel; 600 gallons of paint, 50 gallons of wood stain, 50 gallons of paint drier, 25 gallons of white shellac, 50 gallons of paint remover, 200 gallons of turpentine, 50 gallons of spar varnish, and 50 pounds of lampblack.

Commanding Officer, Benicia Arsenal

Bids are wanted by June 23, circular 48, by the Commanding Officer, Benicia Arsenal, Cal., for 1,200 quarts of white paint, 24 pounds of neutral base paint, 250 gallons of mixing varnish, 36 gallons of eggshell interior paint, 1,000 pounds of white lead, 500 gallons of glycerin, 80 gallons of lard oil, and 100 pounds of lump rosin.

Commanding Officer, Picatinny Arsenal

Bids are wanted by June 19, circular 416, by the Commanding Officer, Picatinny Arsenal, N. J., for 21 gallons of green paint, 130 pounds of axle paint, 105 gallons of lacquer enamel and thinner for ammunition, 1,900 gallons of metal cleaner, and 3,600 gallons of paraffin oil.

Quartermaster Depot, Philadelphia

Bids are wanted by June 17, circular 314, by the Quartermaster Depot, Twenty-first and Johnston streets, Philadelphia, for 500 pounds of chrome green in oil, 100 gallons of raw linseed oil, 1,000 pounds of chrome yellow, 50 gallons of orange shellac, 100 gallons of turpentine, 100 gallons of spar varnish, 2,000 pounds of white lead in oil, 200 pounds of dry red lead, and 25 gallons of japan drier.

(Continued on page 66)

Petroleum Solvents, Lubricants, Fuels

Increasing Gasoline Consumption Lifts Prices at Midcontinent Refineries — Solvents and Naphthas Steady — Crude Oil Flow Reduced — Stocks Are Lower

Steadily increasing gasoline consumption has been bolstering the prices at the Midcontinent market and there is now good reason for the return of optimism. Since the beginning of the month, the petroleum market has been shaping up much stronger than market observers had thought possible some weeks back.

Petroleum products used as industrial raw materials continued in a steady position. The prices for solvents, naphthas and others were not more than technically affected by the depressed position of gasoline in the early Spring and, hence, do not show more than a minor sympathy with the improving gasoline situation. The naphthas and diluents are holding nicely at the price levels that have been in force at the Midcontinent, East Coast and Pacific Coast refinery points for several weeks back. Consumption is fair at this time and shows some signs of slowing down as the heavy consuming Spring season approaches its terminating point. Liquified petroleum gas products were steady and unchanged.

Paraffin wax prices were unchanged in the West and also in the Eastern sector albeit there was evidence of a reversal in trend at the latter refineries where the market had been pointing higher a week ago. Petroleum is in a mixed position with one factor reporting the availability of cut prices on car lot business, while all of the other sellers interviewed last week claimed they were getting full prices.

Daily average production of crude oil in the United States for the week ended June 6 was 2,935,450 barrels, a decrease of 8,500 barrels from the preceding week's average of 2,943,950 barrels, according to the estimate of the American Petroleum Institute which omits any oil that might have been produced surreptitiously. The average for four weeks ended June 6 was 2,973,650 barrels and the average at this time a year ago was 2,643,300 barrels. Runs of crude oil to stills during the week ended June 6 were reported as having averaged 2,757,000 barrels for 79.5 percent of refinery operation, and, according to the data gathered by the American Petroleum Institute, 193,000 barrels addtional were run for an estimated total of 2,950,000 barrels a day against 2,935,000 barrels for the preceding week's average. Stocks of crude oil in the United States for the week ended May 30 totaled 314,020,000 barrels against 314,325,000 barrels on May 23, according to the Bureau of Mines.

Solvents and Diluents

The position of petroleum solvents, naphthas and diluents was not changed appreciably last week. Reports from the Midcontinent sector indicated that the demands of the market were not so broad as in the preceding week, but the prices were holding sympathetically with the position of the gasoline market. Deliveries into the middle West were fair-sized. Eastern suppliers of these materials did a routine business during the week and prices held here without change.

Cleaners' Naphthas. — Midcontinent refinery prices remain at the long standing level of 7⅜c. to 7½c. per gallon for tankcar lots, basis Group 3. The price situation is said to be steady although the demands of the market were not as large as recently.

Hydrogenated Naphthas.—As reported here last week, the price of No. 3 naphtha has been restored to the 16c. per gallon level. The price was raised 1c. per gallon on June 1. Other grades were unaffected by the advance.

Lacquer Diluents.—Lacquer manufacturrs' withdrawals against contracts and spot market purchases were fair-sized last week and perhaps a little less voluminous than in the preceding week. Prices held in a steady position at all refinery points.

Petroleum Thinners.—Quotations at refinery points and also in the tankwagon markets in the East and mid-West, continue without change. The Midcontinent market is posted at 6⅜c. to 6½c. per gallon for tankcars while the East Coast tankcar market is held at 9c. per gallon.

Stoddard Solvent.—Wholesale cleaners' demand for replacements are moderately sized. There has been no shift in the price situation and quotations remain steady at the levels that have been quoted for some weeks back.

V. M. & P. Naphthas.—Steadiness characterized the market in the East and reports from the Midcontinent area indicated the presence of a similar condition there. The demands were not so large as a week ago, but the price situation has been holding steadily. Tankwagon prices were unchanged.

Markets at Other Centers

Chicago, June 11.—Petroleum solvents and diluents have shown little sign of price change or important modification of any of the leading factors going to make up the market. Buying is of moderately good nature. Shipments have shown a consistently good rate for some time. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 4¾c. to 5c. per gallon; cleaners' naphtha, 7⅜c. to 7½c. tankcar; 15.5c., tankcar; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; lacquer diluents, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 16.5c. tankwagon; v.m.&p. naphtha, 7⅜c. to 7½c., tankcar; 16.5c., tankwagon.

Tulsa, June 11.—The movement of petroleum solvents was fair last week although not so spirited as in former weeks. The price situation, however, is strong being sympathetic with the gasoline market. The quotations remain at the same levels that have prevailed for the past few weeks.

Lighter Fractions

Characteristic steadiness of prices and a routine movement of light solvent fractions into regular consuming channels summarized the position of the market for commodities included in this group. Prices remain at the schedule levels that have been quoted without change by the sellers for some time. The demands from industrial buyers moderately sized.

Butanes. — Conditions surrounding this commodity remain as they have been for some time. The market is posted at 2¼c. to 3¾c. per gallon for tankcars at Group 3, according to the number of cars used per month. The prices named are for material testing up to the specifications of the N. G. A.

Heptanes.—There has been no shift in the market for this article. Price postings are the same as those that have been in force for the past several months. Latest reports on the demand side of the market indicate that users' needs are moderate.

Octanes.—The position of this hydrocarbon mixture is another that has been without change for several months. Routine demands from the regular channels of consumption and maintenance of prices at an even keel characterize the market.

Petrolatums and Waxes

White Mineral Oils.—The position of the market has not changed during recent weeks. There is a distinct movement toward the dullness of the Summer months and most of the business done last week was against contract. There is little new business now. Prices for foreign and domestic oils continue in a steady position throughout.

Paraffin Waxes.—The local market was very quiet last week. Fully refined wax prices are holding firmly in every direction. Scale wax demands here are light and prices for white scale continue at 2¼c. to 2.30c. per pound for 122-124 and 2.30c. to 2.35c. per pound for 124-126 A.m.p. Both grades can be shaded in several directions as the market seems to have undergone a reversal in trend since a week ago. Match wax holds in a steady position at 3c. per pound.

CHICAGO, June 11.—Refined paraffin wax is holding firm and giving a good market performance, apparently paying little or no attention to the recent softening of the crude scale market. Inquiries are continuing good, and stocks are not causing much difficulty. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, June 11.—The paraffin wax market does not share the weakness of the Eastern seaboard trading. One of the largest refiners in this territory sold several hundred tons of 124-126 today at 2.35c. per pound which is unchanged. The market appears to be in better shape in this field than on the coast.

Petrolatum.—In contrast with the recent reports of shaded price offerings on car lot business, some of the leading marketers of this product declare that they are getting full asking prices at the sales. In fact, every seller but one among those interviewed last week reports this condition. One seller says that car lot business can be placed occasionally at ¼c. per pound below the market.

Fuels and Lubricants

The Eastern refined oil market had a better appearance last week and in company with improving conditions in the Midcontinent area, there is reason for an early return of optimism. Demand is coming into the market in good style and giving prices a good

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1936	1935
	Jan. 1-June 13	Jan. 1-June 13
Commercial crude oil production	472,274,000	417,505,000
	Week ended June 13, 1936	Week ended June 15, 1935
Daily average production	2,924,000	2,639,800
	Week ended June 6, 1936	Week ended May 30, 1936
Estimated motor fuel stock total	70,639,000	*70,974,000
Estimated finished motor fuel stocks in refineries	40,947,000	*41,921,000

* Revised.

The State of the Petroleum Market

Crude oil prices at Sunburst, a Montana field, were reduced 10c. per barrel last week. Low-octane gasoline prices at the Oklahoma-Texas refineries were raised ⅛c. per gallon. Service stations gasoline prices were raised at Boston and Providence, R. I.

	June 12	June 5	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.286	$1.296	$1.162
Gasoline prices at refineries (at four refining centers), per gallon	.0555	.0553125	.051875
Gasoline prices at serving station (average for ten marketing centers —including tax) per gallon	.1956	.1951	.1883

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 4

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Outputs and Quotas

A comparison of suggested crude oil production for June as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended June 6, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	552,500	547,450
Kansas	153,100	135,150
Texas	1,125,700	1,143,550
Louisiana	175,700	226,400
Arkansas	31,800	29,900
Eastern (not including Michigan)	103,200	108,650
Michigan	37,000	32,150
Wyoming	37,800	36,800
Montana	13,000	17,650
Colorado	4,700	4,500
New Mexico	68,300	72,950
California	535,500	580,300
Totals	2,838,300	2,935,450

measure of support. The local retail market is still spotted with weakness but there is a marked improvement in the retail price situation in some New England points. Kerosene drags along in the same fashion that has been noted for the past several weeks. Pennsylvania lubricating oils are holding steady and are in moderately good request.

Tankwagon Price Changes

PROVIDENCE, R. I.—Tankwagon and retail prices for gasoline were raised ½c. per gallon at Providence, R. I., and 1c. at Boston June 12. The retail price is now 13c. per gallon at Providence and 16c. at Boston. The advance was initiated by the Standard Oil Company of New York.

Market Conditions

Gasoline.—The demand is coming into the market in increasingly broadened proportions and the gasoline situation looks healthier that it did at the beginning of the month. The singular event of last week's market was the strengthening of the market in the Midcontinent. Local retail conditions in the so-called New York City market were still in an upset condition but the New England market has a better appearance and prices were raised in Providence in the latter part of the week. Boston prices are also slated for improvement. The East Coast tankcar market is firm at 6¾c. per gallon for U. S. motor, 62-63 cotane; 7c. per gallon for U. S. motor, 65 octane; and 7.55c. per gallon for branded qualities, all f.o.b. refinery. The Gulf export market was unchanged last week with quotations as follows: U. S. motor, 5⅜c. per gallon; 60-62, 400 e. p., 5⅜c. per gallon; 60-62, 390 e. p., 5½c. per gallon; and 64-66, 375 e. p., 5⅝c. per gallon.

Kerosene.—Tankcar quotations for 41-43 water white material at the local refineries continue at 4⅞c. per gallon but that figure is easily shadable to 4¾c. per gallon and there are frequent reports that 4⅝c. per gallon may be done in certain directions. The demands are light and the aggregate volume of material moved out of the refinery points for the week was typically seasonal in size. The export market at the U. S. Gulf continues without change at 3¾c. per gallon for prime white and 4⅛c. to 4¼c. per gallon for water white.

Fuel and Gas Oils.—Bunker oil continues in an unchanged position at $1.05 per barrel for C grade oil, f.o.b. terminals and Diesel oil also remains unchanged at $1.65 per barrel, f.o.b. terminals. The demands of the market are routine.

Lubricating Oils.—The Pennsylvania oil market seems to be in fairly good shape following the recent rise in the price of cylinder oils. Prices hold a firm place and are well supported by the demand. Bright stocks at 25½c. for regular pour grades, including tax are quite firm.

Crude Oil Price Changes

Rocky Mountain

Posted prices for crude oil at Sunburst, Montana, were reduced 10c. per barrel, June 5, by the Ohio Oil Company. This company now posts $1.15 per barrel. The former figure of $1.25 per barrel had been in effect since January 9, this year.

Markets at Other Centers

Tulsa, June 11.—A further expansion in the demand for gasoline and lubricants provided a fillip to the refined oil market of the Midcontinent that is strengthening the entire structure this week. Shipmens of gasoline have reached a new high mark from refineries and orders for further delivery are coming into the market on a broader scale than at any time this year. Because of the pick up in the seasonal demand, for the first time this season there is substantial reason for the return of optimism that has been lacking in the local market for several months.

Consumption of gasoline appear to be all that was previously expected. One of the largest refiners has shipped 18½ percent more gasoline since January than was shipped in the comparable period a year ago. The heavy rains throughout the Middle West have again stirred additional activity in the agricultural regions and farmers are doing considerable new plowing. As the wheat crop in many sections has practically been abandoned, the new land activity is toward row crops.

The broader trading and demand for spot shipments have raised prices of nearly all grades of gasoline ½c., except natural, which remain sluggish as large offerings of the 26-70 grade are exerting pressure on the market. The recovery of formerly waste gases are supplanting the use of gasoline at many of the refineries and bringing about a certain quantity of distress material. Refiners formerly obtained in the natural gasoline markets the requirements that the new recoveries are furnishing. This situation has been equivaent to increasing the suppy of the natural product and the problem of finding a new market for the part which was formerly supplied by refineries arises. In many quarters it is believed that the open refinery gasoline market may be subject to the pressure of the natural product. Manufacturers unable to sell their product to their old refining customers may find marketers as the logical customers. The natural product offers a high gravity and high octane rating and becomes a competitive product at about half of the cost of the refiners product. This week there is material softening of prices in the natural gasoline market in Oklahoma and it has declined a new low level for the year.

Inventories of nearly all products with the exception of distillates and off color grades of which the supply abounds at that time are being liquidated at a more rapid rate than has been witnessed in any week this year. Even in products such as paraffine that has eased off more than any other of the refined oil list, stocks are a great deal lower than last year. One of the leading plants of the area which is a leading source of supply in the Mid-continent has but half of the total on hand at this time last year.

REFINERY GASOLINE. — The spot market is very firm. All grades except the highest octane rating which during the weakness of the past few weeks was not affected are up ⅛c. The bottom in the resale market for the 400 end point product is 4⅝c. a gallon while most of the trading is being effected at 4¾c. The third grade U. S. motor is 4½c. to 4⅝c. a gallon while the 65 octane is 4⅞c. a gallon at the lowest prices and the ruling quotations at 5c. The contract market is unchanged but if the strength continues in the resale and spot markets the advance may spread in the very near future.

NATURAL GASOLINE.—The demand for the stabilized grades of 14 and 18 pounds material is increasing materially but the weakness in the 26-70 grade is preventing a firmer tone. Some trading was effected this week at 2½c. a gallon in Oklahoma and 2⅝c. in Texas in the 26-70 grade. This placed the 18 pound grade at 3c. to 3¼c. a gallon and the 14 pound grade at 3½c. both in Oklahoma.

KEROSENE.—Prices remain steady as the demand has again picked up slightly and major buyers re-entered the market following agricultural inquiries. The 41-43 water white is quoted at bottom of 3⅝c. per gallon in the resale market while the 42-44 grade is 3¾c. per gallon at bottom quotations. There is a large quantity of material failing to meet specifications and at the low prices it is difficult to find an important supply.

DISTILLATES.—The 38-40 is active at 3⅜c. to 3½c. resale but other grades are nominally quoted. Gas oil is firmer this week and the resale quotations are 2⅞c. to 2⅞c. per gallon and very firm. This is ⅛ of a cent higher.

FUEL OIL.—The market remains unchanged with industrial inquiry improving. The 24-28 gravity zero cold test is 95c. to $1.05 per barrel and the heavy grades are sharing in a better movement with prices slightly higher.

LUBRICANTS.—The low priced neutals that were overhanging the market have been cleaned up and concessions are unavailable this week. All refiners are quoting alike following larger shipments this week. The demand has reached a new peak this year.

Chicago, June 11.—The underlying tone of the tankcar gasoline market now is somewhat firmer than was the case in May. Prices are holding in fairly stabilized fashion, while the volume of consumption is good. Offerings of gasoline out of East Texas at the moment are less. It has been reported large-scale buying is active there. Refinery shipments are reported heavy. Kerosene is easier than in some time, as this is the off-season. Fractional reductions have been made in price. Good domestic fuel oils are less steady, but industrial fuels are in good demand at firm prices. The gas oils are quiet, holding their own. Lubricating oil markets are quite strong and a substantial amount of material is reported moving.

GASOLINE.—Low octane motor, 4¾c. to 5c. per gallon; middle octane motor, 5¼c. to 5½c.; high octane motor, 5⅞c. to 6c.; 60-62, 400, 4¾c. to 5c.; 64-66, 374, 5c. to 5⅛c.; 68-70, 360, 5⅛c. to 5¼c.

KEROSENE.—42-44, water white, 4⅛c. to 4¼c. per gallon; 41-43, water white, 3⅞c. to 4c.

FURNACE OIL.—No. 1 white, 3⅝c. to 3¾c. per gallon; No. 1 straw, 3⅜c. to 3½c.; No. 2 straw, 3c. to 3⅛c.; No. 2 dark, 2⅞c. to 3c.; 32-36, dark, industrial gas oil, 2⅜c. to 2½c.

FUEL OILS.—No. 3, 2¾c. to 3c. per gallon; No. 4, 95c. to $1 per barrel; No. 5, 72½c. to 75c.; No. 6, 62½c. to 67½c.

New Orleans, June 9.—Firmness continued to be the keynote of the domestic market, with no change in quotations of the previous week. Foreign inquiries and exports continued to be reported as good. U. S. motor gasoline was quoted at 6¼c. per gallon at refinery. U. S. motor, below 62 octane, was quoted at 6¼c.; 63-67 octane at 6¾c. and 68-70 octane at 7¼c. —all of the foregoing quotations being based on a per gallon rate at refinery.

Kerosene was firm at 6½c. per gallon at refinery.

Bunker C fuel oil demand was good at a quoted price of 90c. per barrel at terminal, and 95c. per barrel delivered alongside. Industrial plants continued to be quoted on a basis of $1.36 per barrel, delivered.

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Fertilizer Materials

Interest in National Fertilizer Association Convention Results in Trading Dullness — May Tag Sales in the South Were Five Percent Better Than Last Year

Agricultural chemical market activities were centered at White Sulphur Springs last week where the National Fertilizer Association held its twelfth annual meeting. As usual during the week of this convention, the market was very quiet. Trades were few, perhaps fewer than usual because of the drought conditions in the South. Purchasing interest, wherever it is manifested, is centered upon price prospects for the new season. Price schedules for potash salts, nitrate of soda, calcium nitrate, sulphate of ammonia, cyanamid, and, ammoniating solutions, are awaited anxiously. Southern superphosphate buyers are also looking for the early appearance of new prices and these are expected to be lower than those of the 1935-1936 season. Prices at Baltimore and more northerly producing points were made public a week ago, and the sellers were accepting business for the new season at a slightly lower market than that for the season now closing.

Organic materials did not offer much of a basis for comment last week. Strengthening prices for cottonseed meal have given some of the organic products a stiffer appearance, but there were no price advances in packinghouse by-products or rough ammoniates last week. Nitrogenous material seems stronger after the recent sales of large tonnages at attractive figures.

Fertilizer tax tags sold in the South during May were 5 percent larger than May last year, accounting for an equivalent tonnage of 249,386 tons against 236,766 tons in May last year and 154,054 tons in May two years ago, according to the compilation made by the N.F.A. Sales for the January-May period in the Southern States were 6 percent ahead of sales for the same period last year. Details of sales in the Southern States and also in the mid-West are contained in the accompanying table.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blood, import., 15c. per unit.

Reduced

None.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
59.0	59.0	59.1	57.5

Market news that may have developed after this report was sent to press will be found on page 2.

Ammoniates

Nitrate of Soda.—The drought in the South has handicapped the consumption of soda as a top-dresser and with the trade's attention centered upon the N.F.A. convention, last week's market was very quiet. The interest shown around the market these days is principally focused upon the price probabilities for next season. Chilean nitrate imports in April totaled 100,969 tons, according to the Department of Commerce figures, which compare with imports of 62,056 tons in March and 83,304 tons in April last year.

Sulphate of Ammonia.—The market continues in a very quiet position, but the trade is anxious for the appearance of prices for the coming season. Although there is no interest in spot buying and there is not likely to be any for the balance of this month, schedule prices can still be beaten by 50c. to $1 per ton at certain ports. April exports of 13,572 tons, which do not include 3,438 tons shipped to Hawaii and Puerto Rico, were somewhat off from the totals of recent months. The March exports were 20,834 tons and February's total was 18,495 tons. Total exports for the first four months of the year (inclusive of shipments to non-contiguous territories of United States) were 85,948 tons, while imports during that period totaled 57,570 tons and the estimated domestic production of sulphate of ammonia or its equivalent from by-product coke operations, was 208,980 tons. The monthly record of these figures is as follows:—

	Production.	Imports.	Exports.
January	52,420	10,408	18,106
February	49,734	21,806	27,922
March	51,614	9,948	22,910
April	55,212	15,408	17,010
Totals	208,980	57,570	85,948

Castor Pomace.—Bids of $15 per ton for the domestic article at the producing points were refused by sellers last week who now ask $15.50 per ton. The stronger position of the market results from the improved position of cottonseed meal.

Dried Blood.—There was very little trading in the market last week. Imported material for June shipment is now established at $2.75 per unit and the $2.60 figure mentioned in recent weeks is no longer available. The Chicago market is basically unchanged at $2.75 per unit and the New York market remains at the level of the most recent sale, $2.50 per unit.

Fish Scrap.—There were no further trades in unground menhaden scrap futures and according to reports from Baltimore, a boat sent out to test the productivity of Chesapeake waters found fish running light. San Francisco reports that first offerings of new season California meal went on the market at $32 per ton, basis Pacific Coast, last week. Japanese meal is very quiet with offerings for July shipments from abroad at $36 per ton. Domestic meal at Baltimore continues nominally around $41 per ton.

Nitrogenous Material.—The market was quiet after the heavy trading of a fortnight ago. The price situation has firmed up since the wide sale of the article at that time. Imported continues at $2 to $2.05 for Summer shipment and $2.10 for the Fall, basis c.i.f. ports. The domestic at East Coast producing points varies from $2 to $2.15, according to source and with a leaning toward the higher figure of the market's range. The Western market remains at $1.90 for September-December delivery and $1.85 per unit for Summer delivery, both f.o.b. producing point.

Tankage.—The market was wholly without change last week, and except for the interest of feeders, there was virtually no life in the market. Quotations for imported material were firm.

(Continued on page 58)

Fertilizer Tag Sales: May

South—	P.C. of 1935.	May 1936.	May 1935.	May 1934.	P.C. of 1935.	January-May 1936.	January-May 1935.	January-May 1934.
		Equivalent tons*				Equivalent tons*		
Virginia†	96	29,463	30,596	27,256	99	257,908	260,287	236,640
North Carolina	121	68,717	56,841	42,473	101	914,815	903,837	796,809
South Carolina	45	18,135	40,542	5,937	101	§568,057	561,717	522,247
Georgia	101	26,753	26,610	684	108	644,172	597,743	530,986
Florida†	126	43,515	34,484	40,966	112	230,076	204,695	196,849
Alabama	153	27,700	18,150	7,950	110	450,750	408,650	347,050
Mississippi	87	9,696	11,175	10,162	112	222,044	198,465	157,697
Tennessee†	129	16,622	12,887	14,372	118	88,340	74,946	75,553
Arkansas‡	152	3,350	2,200	1,700	122	43,706	35,905	40,820
Louisiana†	129	3,200	2,475	1,464	121	88,434	73,289	55,125
Texas†	315	2,220	705	1,085	103	53,277	51,820	48,315
Oklahoma	15	15	101	5	88	4,930	5,609	4,680
Totals, South	105	249,386	236,766	154,054	106	3,566,509	3,376,963	3,012,771
Midwest—								
Indiana	249	36,563	§14,681	14,800	121	110,726	§91,552	72,425
Illinois	190	2,480	1,302	2,319	135	19,295	14,345	14,584
Kentucky	192	17,770	9,245	8,403	111	66,786	60,176	51,098
Missouri	12	96	821	803	129	24,724	19,128	15,993
Kansas	346	45	13	.....	117	1,090	934	785
Totals, Midwest	219	56,954	26,062	26,325	120	222,621	186,132	154,885
Grand totals	117	306,340	262,823	180,379	106	3,789,130	3,563,095	3,167,656

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 22,850 tons of cottonseed meal for January-May combined, but no separation is available for the amount of meal used as fertilizer from that used as feed.

§ Revised, South Carolina final March sales—136,872 tons.

(Compiled by The National Fertilizer Association)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 4

Superphosphate Output: March

Bulk superphosphate production in March totaled 257,728 tons, against 259,374 tons in February and 246,286 tons in March last year, according to the monthly compilation by William L. Austin, of the Bureau of Census, based upon data supplied by 69 manufacturers. The manufacturers whose data are included in these statistics produced more than 95 percent of the total value of superphosphates reported at the census of manufactures for 1933. Stocks on hand at the end of March were 953,739 tons, against 1,137,700 tons at the end of February, and 964,940 tons at the end of March a year ago. Details of production, shipments and stocks follow:—

Production, Receipts, and Book Adjustments

Short tons

	1936 March.	1936 Feb.	1935 March.	1934 March.	Totals, 3 months (January-March) 1936.	1935.	1934.
Production—							
Bulk superphosphate—							
Totals, United States	257,728	259,374	246,286	285,762	815,175	871,306	909,441
Northern area*	158,242	132,690	142,945	133,290	446,100	454,982	414,664
Southern area	99,486	126,684	103,341	152,472	369,075	416,324	494,777
Wet base and wet mixed goods—							
Totals, United States	12,667	13,581	9,200	10,398	40,320	31,480	40,045
Northern area	5,521	7,741	4,933	3,203	21,259	13,894	12,998
Southern area	7,146	5,840	4,267	7,195	19,061	17,586	27,047
Received from other acidulators (including exchange transfers)†							
Totals, United States	47,884	27,982	32,439	41,172	127,708	105,641	109,319
Northern area	23,492	16,041	14,245	22,144	69,354	60,043	46,983
Southern area	24,392	11,941	18,194	19,028	58,354	45,598	62,336
Book adjustments (account of inventories)—							
Totals, United States	—61	997	—475	—2,230	2,015	—67	—2,559
Northern area	—97	786	—31	—691	1,087	+174	+186
Southern area	+36	211	—444	—1,539	928	—241	—2,745
Shipments							
All superphosphate—							
Totals, United States	450,418	174,900	367,045	327,846	789,116	690,271	630,140
Northern area	174,007	81,428	137,282	138,137	338,277	288,319	283,903
Southern area	276,411	93,472	229,813	189,709	450,839	401,952	346,237
To mixers—							
Totals, United States	157,625	93,461	145,357	134,666	349,749	320,116	288,394
Northern area	85,076	48,082	74,285	75,046	192,452	166,288	164,672
Southern area	72,549	45,379	71,072	59,620	157,297	153,828	123,722
To other acidulators (including exchange transfers)—							
Totals, United States	54,295	26,752	32,555	31,808	113,019	82,613	80,356
Northern area	33,838	17,390	13,544	16,541	65,467	42,142	47,005
Southern area	20,457	9,362	19,011	15,267	47,552	40,471	33,351
To all others—							
Totals, United States	238,498	54,687	189,133	161,372	326,348	287,542	261,390
Northern area	55,093	15,956	49,403	46,550	80,358	79,889	72,226
Southern area	183,405	38,731	139,730	114,822	245,990	207,653	189,164
Base and mixed goods‡—							
Totals, United States	268,988	73,456	316,806	258,746	384,043	452,200	389,036
Northern area	80,263	13,688	91,510	62,941	102,012	129,390	91,054
Southern area	188,725	59,768	225,296	195,805	282,001	322,810	298,001
Stocks							
Bulk superphosphate—							
Totals, United States	953,739	1,137,700	964,940	976,775	.....	.....	.....
Northern area	468,943	494,397	469,958	468,860	.....	.....	.....
Southern area	484,796	643,303	494,982	507,915	.....	.....	.....
Base and mixed goods‡—							
Totals, United States	694,202	911,449	623,122	664,731	.....	.....	.....
Northern area	364,933	406,591	311,166	318,043	.....	.....	.....
Southern area	329,269	504,858	311,956	346,688	.....	.....	.....

* The division line between the Northern and Southern areas is the south line of Virginia projected westward.

† Includes both bulk superphosphate and base and mixed goods.

‡ Includes wet and dry bases and wet and dry mixed goods.

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Fertilizer Materials

(Continued from page 57)

Potashes

As usual during the week of the national convention, the market for agricultural potash salts was very quiet. Concern in the market is focused upon the position of prices and terms for the coming season. There is a feeling around the market that prices might open the season at pretty much the same basis as last season, but this is purely gossip among observers in the market. Sellers have not indicated what the position of the market will be.

Phosphates

There have been no new developments in the market for phosphate materials since it was learned that superphosphate manufacturers from Baltimore north were accepting business for the 1936-37 season. The market prices are lower than last season's prices, and while the manufacturers in the South have not yet opened their books for the coming season, they are expected to do so soon, and, according to reports from Atlanta, lower prices are expected. Bone materials continue quiet.

Bone Materials.—The Chicago market held in an unchanged position following the strengthening of a week ago. Some sellers of 4½ and 50 raw bone hold out for $24 and $25 per ton at Chicago. Imported materials were quiet and unchanged.

Superphosphate.—Following the appearance of prices for the 1936-1937 season at Baltimore and more northerly points, prices are expected to be named in the South very soon. And, Southern prices are expected to be a little lower. As reported here last week, Baltimore factors are accepting business for the new season at $7.50 per ton for the run of the pile and $8 per ton for guaranteed 16 percent materials, both f.o.b. cars or boat at Baltimore. Usual differentials prevail at Cartaret. Triple super was last priced at 75c. per unit, basis Baltimore and this department has not yet heard what the sellers will do for the new season.

Sulphur and Pyrites

Purchase of sulphur by acidulators supplying the fertilizer industry continue small at this time, but trade should start to show seasonal life in another two or three weeks. The general activity in the sulphur market is irregular with some lines of industry taking fairly good quantities and others operating very mildly. The price situation continues at an unchanged position and quotations are based at $18 per long ton, f.o.b. mines.

Markets at Other Centers

Atlanta, June 11.—Whatever interest there is in the fertilizer material market centered this week at the National Fertilizer Association meeting at White Sulphur Springs.

New prices on superphosphate in the South are expected soon after the convention. A lower price is expected.

The hope for a large sale for top dressing in waning as the drought damage is appraised. The stand of cotton is poor, too poor, it is believed, to justify the use of much top dressings. Local showers are gradually improving growth conditions but, of course, not the stand of planted crops, and it is too late to replant in this sector.

The tobacco crop is in much better shape than cotton, and excellent returns from applied fertilizers are expected from this crop.

A number of the more prominent fertilizer manufacturers are reported to have recently contracted for nitrogenous material while the price was inviting.

Quotations of this market are as follows:—

SUPERPHOSPHATES.—$10.82 per ton, interior producing points.

NITRATE OF SODA.—$24.50 per ton, bulk, port basis.

SULPHATE OF AMMONIA.—$25.50 to $26 per ton, port basis.

NITROGENOUS.—$1.85 per unit, mid-West; $2.05 to $2.10, port basis.

COTTONSEED MEAL.—Seven percent grade, $23 per ton, interior mills.

BLOOD.—$2.75 to $2.90 unit, Chicago; $2.75 imported, port basis.

TANKAGE.—Chicago, $2.45 to $2.50 and 10c. per unit.

FISH.—Meal, $2.90 and 10c. ex vessel ports; acidulated, $2.25 and 50c., ports.

Baltimore, June 11.—The market for crude fertilizer materials here was more quiet than before because of the absence of many members of the industry in attendance at the annual meeting of the National Fertilizer Association. Stocks of potash in store are reported to be increasing, with the holdings in anticipation of future requirements stated to be much above the usual proportions. The current figures on crudes are about as follows:—

FISH SCRAP.—The single steamer sent out two weeks ago to test the prospects of the menhaden fishing down the Chesapeake Bay continued at work during the last six days but, as far as can be learned here, it did no better than at the start. Fish are not plentiful, and the volume of scrap produced was very small. No further transactions in scrap were negotiated, with the producers apparently disposed to hold off for the present and see what will happen in the way of fishing. The price mentioned nominally is still $2.50 and 10c. per unit-ton down the bay, with domestic fish meal quoted at $41 to $42 per ton, and with Japanese sardine meal around $36 to $36.50 per ton.

TANKAGE.—Quoted at $2.75 and 10c. per unit-ton, c.a.f. basis Baltimore.

BLOOD.—Current figures are $2.75 to $2.80 per unit.

GARBAGE TANKAGE. — Quotations here are $3 10c. and 70c. per unit-ton.

BONE.—Prices continue at $23 to $24 per ton for 3 and 50 ground steamed, and $24 to $25 per ton for 4½ and 50 ground raw stocks.

Chicago, June 11.—Fertilizer materials have been quiet and comparatively featureless in the market recently. Organics reveal a firm tendency, with orders reported along moderate lines. Sellers have a willingness for offering material quite liberally in some of the blood and tankage classifications, but as a whole there is no decided change. Most of the bone materials are moving to the trade in quantities which indicate buyers are maintaining their as-required policy. Some little interest is being displayed in cracklings.

BLOOD.—High grade, ground and unground, $2.75 to $3 per unit of ammonia;

(Continued on page 65)

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STEARIC—3 bgs, Yardley & Co, American Trader, London
AGAR AGAR—20 bls—T M Duche & Sons, Noshiro, Kobe
ALBUMEN, BLOOD—1 ck, 7 cwt, 1 qt, 15 lbs, Rawlplug Co, Samaria, Liverpool
8 cks, 4,054 lbs, Morningstar Nicol, Hansa, Hamburg
EGG, HEN—15 cs, D L Moss & Co, Tai Yang, Shanghai
11 cs, Arnhold & Co, Tai Yang, Hankow
ALOE—1 cs, Red D Line, Falcon, Aruba
ALUMINUM LEAF—68 pkgs, Ile de France, Havre
65 cs, Globe Shipping Co, Hansa, Hamburg
13 cs, Bradley & Baker, Hansa, Hamburg
AMMONIA, CARBONATE—5 dms, 10 cs, American British Chem Supplies, Caledonia, Glasgow
SULPHATE—250 bgs, Bradley & Baker, Beemsterdijk, Rotterdam
500 bgs, Bradley & Baker, Veendam, Rotterdam
AMMONIAC, SAL—50 cs, 3 tons, 2 qrts, 24 lbs, Solvay Sales Corp, Samaria, Liverpool
ANISE—17 bgs, J L Hopkins & Co, Exeter, Marseilles
34 bgs, J L Hopkins & Co, Exeter, Marseilles
ANTIMONY, ORE—366 bgs, Phillip Bros, Santa Inez, Antofagasta
ARTISTS MATERIAL—12 cs, M Grumbacher, Beemsterdijk, Rotterdam
6 cs, Winsor & Newton, American Trader, London
ASBESTOS—400 bgs, 18 tons, 7 cwt, 3 qtrs, 12 lbs, Raw Asbestos Distr Co, Charles H Cramp, Beira
40 bgs, 1 ton, 15 cwt, 2 qtrs, 24 lbs, Asbestos, Ltd, Charles H Cramp, Beira
4,386 bgs, Johns Manville Corp, Charles H Cramp, Capetown
679 bgs, Asbestos, Ltd, Charles H Cramp, Capetown
330 bgs, Charles H Cramp, Capetown
3,393 bgs, Marin Sanudo, Genoa
3,000 bgs, Cyprus Asbestos, Exeter, Alexandria
ASPHALT—250 bgs, A V Berner & Co, Oriente, Havana
BABASSU KERNELS — 8,384 bgs, Franklin Baker Co, Polycarp, Parnahyba
10,000 bgs, Franklin Baker Co, Polycarp, Maranham
BALSAM—20 cs, Dodge & Olcott Co, Cristobal, Cristobal
BARK, MEDICINAL—1 bl, Vulcania, Trieste
BARYTES—364 bgs, 44,000 lbs, Wishnick-Tumpeer, Aakre, Genoa
1,000 bgs, 110,000 lbs, Smith Color & Chem Co, Aakre, Genoa
BISMUTH REF'D—150 cs, Cerro de Pasco Copper Corp, Chimu, Callao
BLANC FIXE—10 cks, Philipp Bros, Veendam, Rotterdam
BLEACHING POWDER—100 dms, 12,620 lbs, Mexican Sinclair Petroleum Corp, Hansa, Hamburg
BLUE, ULTRAMARINE—6 dms, Kentler Bros, Westernland, Antwerp
BONE PHOSPHATE — 500 bgs, 111,760 lbs, American Agricultural Chem Co, Black Tern, Antwerp
BRISTLES—35 cs, F W Von Stade, Noshiro, Nagasaki
8 cs, Orleans Bros, Noshiro, Nagasaki
7 cs, F H Cone & Co, Noshiro, Kobe
87 cs, F W Von Stade, Noshiro, Kobe
10 cs, Globe Shipping Co, Noshiro, Kobe
26 cs, Block Bros, Noshiro, Kobe
4 cs, Orleans Bros, Noshiro, Harbin
8 cs, H B Witkin, Aquitania, Southampton
3 cs, Aquitania, Southampton
27 cs, American Trader, London
6 cs, Chesnut, Cooper & Co, American Trader, London
17 cs, Chesnut, Cooper & Co, Tai Yang, Hankow
25 cs, F H Cone & Co, Tai Yang, Shanghai
78 cs, F H Cone & Co, Tai Yang, Kobe
4 cs, Iwai & Co, Tai Yang, Kobe
3 cs, Hansa, Hamburg
16 cs, Globe Shipping Co, Hansa, Hamburg
9 bbls, Industrial Trust Co, Veendam, Rotterdam
1 cs, Devoe & Reynolds, Manhattan, Hamburg
BRONZE POWDER—5 dms, Rohner, Gehrig Co, Europa, Bremen
15 dms, R F Downing & Co, President Roosevelt, Hamburg
16 dms, J J Coates, Manhattan, Hamburg
BUCHU LEAVES—31 bls, Eli Lilly & Co, Charles H Cramp, Capetown
25 bls, C L Huisking & Co, Charles H Cramp, Capetown
5 bls, Peek & Velsor, Charles H Cramp, Capetown
21 bls, S B Penick & Co, Charles H Cramp, Capetown
CADMIUM METAL — 112 cs, Bergensfjord, Bergen
10 cs, Georgic, Southampton
CALCIUM CYANIDE—50 cs, Calcyanide Co Westernland, Antwerp
CAMPHOR, CRUDE—252 cs, Mitsui & Co, Noshiro, Keelung
CARAWAY SEED—100 bgs, 11,000 lbs, Knickerbocker Mills Co, Beemsterdijk, Rotterdam
60 bgs, 5,500 lbs, Black Diamond Seed Co, Beemsterdijk, Rotterdam
100 bgs, 11,000 lbs, E L Friedler, Veendam, Rotterdam
100 bgs, 11,000 lbs, Knickerbocker Mills Co, Veendam, Rotterdam
100 bgs, 11,000 lbs, W R Grace & Co, Veendam, Rotterdam
CARBON, DECOLORIZING—60 bgs, 6,732 lbs, L A Salomon & Bros, Hansa, Hamburg
CASEIN—358 bgs, Balfour Guthrie & Co, Jean Jadot, Antwerp
CASSIA—100 bls, B H Old & Co, Noshiro, Nagasaki
150 bls, Frank Tea & Spice Co, Noshiro, Nagasaki
100 bls, Noshiro, Nagasaki
200 bls, Durkee Famous Foods, Tai Yang, Hongkong
100 bls, McCormick & Co, Tai Yang, Hongkong
50 bls, Tai Yang, Canton
BROKEN—50 bls, Frank Tea & Spice Co, Noshiro, Nagasaki
BUDS—100 cs, S B Penick & Co, Tai Yang, Hongkong
CASTOR BEANS—1,682 bgs, Wessel Duval & Co, Sheridan, Ceara
4,995 bgs, Polycarp, Ceara
5,080 bgs, Western Prince, Santos
CELERY SEED—110 bgs, Dyson Shipping Co, Exeter, Marseilles
CHALK, FLINT—200 bgs, Carborundum Co, Georgic, Southampton
PRECIPITATED—100 bgs, 100 cks, 37 tons, 13 cwts, 2 qtrs, 8 lbs, H J Baker & Bros, Samaria, Liverpool
30 bbls, 3 tons, 6 cwts, 1 qtr, 20 lbs, Samaria, Liverpool
320 bgs, Lo Curto & Funk, American Trader, London
CHAMOIS—6 cs, American Sponge & Chamois Co, President Roosevelt, Havre
CHEMICALS—6 cks, Stanley Doggett, Eugopa, Bremen
20 cs, P C Kuyper Co, Europa, Bremen
4 dms, 2 cs, Europa, Bremen
25 cks, Advance Solvents & Chem Co, Beemsterdijk, Rotterdam
20 cks, Royal Bank of Canada, Beemsterdijk, Rotterdam
20 cks, Beemsterdijk, Rotterdam
15 cs, 16 cks, 5 carboys, Merck & Co, Beemsterdijk, Rotterdam
40 dms, General Aniline Works, Beemsterdijk, Rotterdam
19 cs, 20 cks, American Bluefriesveen, Beemsterdijk, Rotterdam
1 cs, Mitsui & Co, Noshiro, Yokohama
3 cs, Elmer & Amend, President Roosevelt, Hamburg
2 cs, International Maritime Forwarding Co, President Roosevelt, Bremen
223 bgs, 5 tons, 9 cwt, 2 qtrs, 2 lbs, Samaria, Liverpool
33 cs, Mallinckrodt Chem Works, Drottningholm, Gothenburg
2 cs, Gane & Ingram, Aquitania, Southampton
4 cks, 1 cs, Hoffman, La Roche Co, Ile de France, Havre
400 cks, 48,743 lbs, Marin Sanudo, Genoa
6 cs, 1,240 lbs, New York Trust Co, Hansa, Hamburg
1,016 bgs, 224,855 lbs, Advance Solvents & Chem Co, Hansa, Hamburg
100 bgs 101 cs, Hansa, Hamburg
3 cs, 413 lbs, Harshaw Chem Co, Hansa, Hamburg
505 bgs, 6 cs, Hansa, Hamburg
3 cs, E Bilhuber, Hansa, Hamburg
2 cs, 176 lbs, Schimmel & Co, Hansa, Hamburg
100 cks, 1 cs, Jungmann & Co, Hansa, Hamburg
5 cs, C Martin, Hansa, Hamburg
20 cks, 11,968 lbs, Hansa, Hamburg
20 bb'ls, 12,540 lbs, African Metal Corp, Black Tern, Antwerp
50 bgs, 11,000 lbs, Philipp Bros, Black Tern, Antwerp
125 carboys, 26,138 lbs, African Metal Corp, Black Tern, Antwerp
10 dms, 10 cs, Michel Export Co, Veendam, Rotterdam
25 bbls, Philipp Bros, Veendam, Rotterdam
10 bbls, Jungmann & Co, Veendam, Rotterdam
34 kegs, Chrisman Supply Co, Veendam, Rotterdam
3 cs, 84 dms, Advance Solvents & Chem Co, Veendam, Rotterdam
14 cks, American Cyanamid & Chem Co, Veendam, Rotterdam
25 cs, Bilhuber-Knoll Corp, Veendam, Rotterdam
20 cks, American Bluefriesveen Co, Veendam, Rotterdam
70 bbls, Th Goldschmidt Corp, Veendam, Rotterdam
7 cks, 24 cs, Veendam, Rotterdam
25 cks, Robinson, Wagner & Co, Veendam, Rotterdam
40 cks, W Neuberg, Veendam, Rotterdam
5 cs, National City Bank, Veendam, Rotterdam
PHOTO—J J Gavin & Co, Aquitania, Southampton
5 cs, G Gennert, Hansa, Hamburg
CHINA CLAY—10 pkgs, P H Petry & Co, American Trader, London
4 bgs, Yardley & Co, American Trader, London
CHROME ALUM—1 keg, J J Gavin & Co, Aquitania, Southampton
OXIDE—10 bbls, 5,739 lbs, Hensel, Bruckmann & Lorbacher, Hansa, Hamburg
CHRYSALIS MEAL—1 bg, Saito Trading Co, Hoegh Transporter, Yokohama
CINCHONA BARK—11 cs, S B Penick & Co, Beemsterdijk, Rotterdam
136 bls, New York Quinine & Chem Works, Veendam, Rotterdam
PRODUCTS—111 cs, R W Greeff & Co, Veendam, Rotterdam
CINNABAR—3 pkgs, 787 lbs, A Hurst & Co, Marin Sañudo, Leghorn
CLAY—600 bgs, W Manley, President Roosevelt, Hamburg
300 bgs, M Grumbaum, Veendam, Rotterdam
150 bgs, W Manley, Manhattan, Hamburg
COALTAR INTERMEDIATES—6 cks, General Dyestuff Corp, Europa, Bremen
1 tub, Ciba Co, Europa, Bremen
34 cks, 26 dms, General Aniline Works, Beemsterdijk, Rotterdam
127 cks, General Dyestuff Corp, Beemsterdijk, Rotterdam
8 cs, General Dyestuff Corp, Hansa, Hamburg
59 dms, 13 cks, General Aniline Works, Veendam, Rotterdam
64 cks, General Dyestuff Corp, Veendam, Rotterdam
COBALT METAL—50 cks, Central Trading Corp, Black Tern, Antwerp
OXIDE—100 cks, Central Trading Corp, Black Tern, Antwerp
COCOA BEANS—1,400 bgs, Beemsterdijk, Rotterdam
850 bgs, Wessel, Duval & Co, Flora, Pto Cabello
638 bgs, Flora, Pto Cabello
500 bgs, Oranje Nassau, Campano
860 bgs, Curacao Trading Co, Oranje Nassau La Guaira
70 bgs, Lopez & Mangual, Oranje Nassau, La Guaira
36 bgs, W R Grace & Co, Sheridan, Maracaus
289 bgs, Wessel, Duval & Co, Sheridan, Manaus
320 bgs, Sheridan, Itacoatiara
124 bgs, Transmarine Merc Corp, Colombia, Cape Haitian
500 bgs, Royal Bank of Canada, Charles M Cramp, Trinidad
23 bgs, Dagett Chocolate Co, Borinquen, San Juan
200 bgs, Porcella, Vicini & Co, Borinquen, Trujillo City
1,000 bgs, Curacao Trading Co, San Jacinto, Sanchez
250 bgs, Machado & Co, San Jacinto, Pto Plata
COCOA BEANS—500 bgs, Machado & Co, San Jacinto, Pto Plata
250 bgs, Carr Bros, San Jacinto, Pto Plata
143 bgs, W R Grace & Co, Santa Inez, Guayaquil
589 bgs, Veendam, Rotterdam
50 bgs, Lopez & Mangual, Falcon, Maracaibo
450 bgs, Irving Trust Co, Falcon, La Guaira
23 bgs, Falcon, La Guaira
125 bgs, Wessel, Kulenkampf & Co, Western Prince, Port Spain
250 bgs, Western Prince, Port Spain
400 bgs, Curacao Trading Co, Castor, San Pedro
6,000 bgs, Machado & Co, Castor, Sanchez
400 bgs, Curacao Trading Co, Castor, Sanchez
240 bgs, Schutte & Focke, Castor, Sanchez
500 bgs, W R Grace & Co, Castor, Sanchez
470 bgs, Gillespie & Co, Castor, Sanchez
250 bgs, Porcella, Vicini & Co, Castor, Puerto Plata
550 bgs, Curacao Trading Co, Castor, Puerto Plata
COCONUTS—1,116 bgs, 111,600 lbs, I L Toledano Corp, Cristobal, Cristobal
500 bgs, 50,000 lbs, Franklin Baker Co, Cristobal, Cristobal
500 bgs, 50,000 lbs, A N Leakway, Colombia, Kingston
1,574 bgs, 157,400 lbs, Franklin Baker Co, Colombia, Kingston
75 bgs, 7,500 lbs, Universal Import & Export Co, Borinquen, San Juan
25 bgs, 2,500 lbs, J Di Cristine, Borinquen, San Juan
114 bgs, 11,400 lbs, Simons & French, Borinquen, San Juan
350 bgs, 35,000 lbs, Fruit Despatch Co, Toloa, Kingston
COCONUTS, DESIC—830 cs, Wilbur Ellis Co, Tai Yang, Manila
392 cs, Timley & Co, Tai Yang, Manila
285 cs, Dodwell & Co, Tai Yang, Manila
COLORS—1 cs, General Dyestuff Corp, Beemsterdijk, Rotterdam
1 cs, B F Drakenfeld & Co, Samaria, Liverpool
5 pkgs, Fulton Dye & Import Co, Ile de France, Havre
5 cs, Hansa, Hamburg
2 bbls, Dunlap, Alpers & Mott, Black Tern, Antwerp
1 ck, Robinson-Wagner Co, Veendam, Rotterdam
1 cs, 1 bbl, M Grumbacher, Veendam, Rotterdam
1 cs, B F Drakenfeld & Co, Manhattan, Havre
COALTAR—12 kegs, General Dyestuff Corp, Veendam, Rotterdam
DRY—74 cks, C J Osborn & Co, Beemsterdijk, Rotterdam
10 cks, Holland American Line, Beemsterdijk, Rotterdam
12 cks, C J Osborn & Co, Veendam, Rotterdam
23 cks, Stanley Doggett, Veendam, Rotterdam
EARTH—20 kegs, Whittaker, Clark & Daniels, Beemsterdijk, Rotterdam
COPAIBA BALSAM—84 cs, Sheridan, Manaus
CORK WASTE—2,592 bls, Exmoor, Djidjelli
6,724 bls, L Mundet & Sons, Aakre, Lisbon
WOOD—2,179 bls, Exmoor, Djidjelli
163 bls, Leonel Benta Albe & Co, Aakre, Lisbon
450 bls, Johnson-Turner Trading Co, Aakre, Lisbon
1,165 bls, L Mundet & Sons, Aakre, Lisbon
CRESOL LIQUID—10 dms, Monsanto Chem Co, Samaria, Liverpool
CUTTLEFISH BONES—100 cs, American Cuttlefish Bone Co, Pipestone County, St Nazaire
175 cs, Frank Vliet Co, Pipestone County Bordeaux
78 cs, Conte di Savoia, Genoa
DEXTRIN — 2 cks, Weiss Forwarding Co, Hansa, Hamburg
DISINFECTANT FLUID—7 dms, R Wyndham Markham, Caledonia, Glasgow
DUTCH METAL—2 cs, B F Drakenfeld & Co, President Roosevelt, Bremen
DYES, ALIZARIN—9 cks, 3 cans, General Dyestuff Corp, Europa, Bremen
85 cks, 4 dms, 15 jugs, General Dyestuff Corp, Beemsterdijk, Rotterdam
4 cks, 1 keg, E I du Pont de Nemours Co, Samaria, Liverpool
21 cks, 15 jugs, 7 dms, General Dyestuff Corp, Veendam, Rotterdam
ANILIN—37 cks, 2 cs, 1 can, General Dyestuff Corp, Europa, Bremen
23 dms, Sandoz Chem Works, Europa, Bremen
14 bbls, Ciba Co, Europa, Bremen
18 dms, 131 cks, 14 jugs, 2 cs, General Dyestuff Corp, Beemsterdijk, Rotterdam
7 dms, E I du Pont de Nemours Co, Samaria, Liverpool
24 cks, Ciba Co, Ile de France, Havre
2 dms, Sandoz Chem Works, Ile de France, Havre
18 cks, Carbic Color & Chem Co, Ile de France, Havre
4 cks, 1 pkg, General Dyestuff Corp, Hansa, Hamburg
19 dms, 157 cks, 3 cs, General Dyestuff Corp, Veendam, Rotterdam
DYEWOOD, CUTTED—88 bgs, Maria, Trieste
40 bgs, S B Penick & Co, Vulcania, Trieste
20 bgs, Peek & Velsor, Vulcania, Trieste
EGG YOLK, HEN—56 cs, Wood & Selick, Noshiro, Kobe
112 cs, T M Duche & Sons, Noshiro, Kobe
56 cs, T M Duche & Sons, Tai Yang, Tientsin
56 cs, Importers Com Co, Tai Yang, Tientsin
FILTER COMP—75 cs, 8,580 lbs, A W Fenton & Co, Hansa, Hamburg
PAPER—5 bls, 3 cs, H Reeve, Angel & Co, Aquitania, Southampton
89 bls, J Manheimer, Aquitania, Southampton
14 cs, H Reeve, Angel & Co, American Trader, London
FLEASEED—50 bgs, Exeter, Marseilles
FULLER'S EARTH—550 bgs, L A Salomon & Bros, American Trader, London
GELATIN—69 cs, Dingelstedt & Co, Hansa, Hamburg
POWD—10 bbls, Robt D MacClellen, Veendam, Rotterdam
SHEETS—20 cs, American Express Co, Veendam, Rotterdam
GINGER ROOT—56 bgs, Mincing Trading Co, Colombia, Kingston
50 bgs, Joensson Import Co, Colombia, Kingston
7 bgs, D Steengrafe, Borinquen, San Juan
93 bgs, American Trader, London
113 bgs, Toloa, Kingston
GLASS, FLINT—7 cs, Semon, Bache & Co, Samaria, Liverpool
PLATE—12 cs, Brown Bros, Jean Jadot, Antwerp
1 cs, C Happel, President Roosevelt, Hamburg
1 cs, Semon, Bache & Co, Samaria, Liverpool
GLASS, WINDOW—2 cs, Perry Ryer & Co, Europa, Bremen
41 cs, S G Cole, President Roosevelt, Hamburg
231 cs, L Solomon & Son, President Roosevelt, Hamburg
110 cs, President Roosevelt, Hamburg
8 cs, Semon, Bache & Co, President Roosevelt, Hamburg
15 cs, Perry Ryer & Co, Hansa, Hamburg
14 cs, L Popper & Sons, Hansa, Hamburg
275 cs, Royal Glass Works, Manhattan, Hamburg
11 cs, Semon, Bache & Co, Manhattan, Hamburg
GLUE—200 bgs, 1 cs, International Selling Corp, Westernland, Antwerp
1 cs, R C Wehling Co, American Trader, London
50 bgs, J L Smith & Co, Hansa, Hamburg
25 bgs, Rex & Reynolds, Exeter, Marseilles
BONE—4 cks, General Aniline Works, Veendam, Rotterdam
HIDE—400 bgs, Vulcania, Trieste
GLYCERIN—1 cs, H C Hacking, Aquitania, Southampton
60 dms, American Trader, London
1 ck, P H Petry & Co, American Trader, London
GREASE, WOOL—10 dms, 2 tons, 2 cwts, 3 qtrs, 5 lbs, Robinson Wagner Co, Samaria, Liverpool
6 dms, McKesson & Robbins, Samaria, Liverpool
GUM—2 cs, S B Penick & Co, American Trader, London
COPAL—300 bgs, Strook & Wittenberg, Jean Jadot, Antwerp
300 bgs, Gillespie, Rogers, Pyatt Co, Black Tern, Antwerp
ELEMI—81 cs, S Winterbourne & Co, Tai Yang, Manila
TRAGACANTH—35 bgs, E Meer & Co, American Trader, London
5 bgs, Manhattan, Hamburg
VEGETABLE—60 bgs, 6,705 lbs, Innis Speiden & Co, Exeter, Genoa
HERBS, MEDICINAL—23 bls, Peek & Velsor, Westernland, Antwerp
4 bls, Hansa, Hamburg
2 bls, Peek & Velsor, Vulcania, Trieste
7 cs, R D Hines, Conte de Savoia, Genoa
2 cs, Conte de Savoia, Genoa
HOPS—23 bls, J Sonnenschein Hop Corp, President Roosevelt, Hamburg
10 bls, R F Downing & Co, Hansa, Hamburg
5 bls, J D Smith & Co, Hansa, Hamburg
6 bls, J Barth & Son, Manhattan, Hamburg
11 bls, Bing & Lust, Manhattan, Hamburg
INDIGO—41 cks, General Dyestuff Corp, Beemsterdijk, Rotterdam
IRON ORE—20 dms, 5 tons, 5 cwt, 2 qts, 24 lbs, Reichard, Coulston, Samaria, Liverpool
OXIDE—200 bbls, 92,400 lbs, C K Williams & Co, Aakre, Barcelona
25 cks, 6 tons, 15 cwt, 2 qts, 14 lbs, J Leo Smith & Co, Samaria, Liverpool
23 cks, 6 tons, 18 cwt, 2 qts, J A McNulty, Samaria, Liverpool
11 cks, C J Osborn & Co, Manhattan, Southampton
ISINGLASS—10 cs, C H Reisig, Samaria, Liverpool
15 cs, American Trader, London
LEMON PEEL—40 bls, J L Hopkins & Co, Maria, Trieste
LICORICE PASTE—5 cs, 1,529 lbs, C L Huisking & Co, Exeter, Marseilles
ROOT—80 bgs, 12,082 lbs, P H Petry & Co, Exmoor, Izmir
11,020 bls, 1,870 tons, MacAndrew & Forbes, Exmoor, Izmir
LITHOPONE—800 cks, Benj Moore & Co, Veendam, Rotterdam
LYCOPODIUM—10 cs, American Trader, London
MAGNESIA, CARBONATE—100 bgs, 50 cks, Schofield, Donald Co, Samaria, Liverpool
OXIDE—1 bbl, 1 cs, Hensel Bruckmann & Lorbacher, Hansa, Hamburg
STEARATE—3 cs, Yardley & Co, American Trader, London
MAGNESITE, CALCINED—80 dms, 25 bgs, Speiden Whitfield Co, Veendam, Rotterdam
MANGANESE ORE—60 cks, 35,688 lbs, Hansa, Hamburg
MANNA—73 cs, Marin Sanudo, Palermo
MANNITE—9 cs, J Personeni, Conti di Savoia, Genoa
MEAL—20 bgs, S B Penick & Co, American Trader, London
MEDICINAL PREP—E Fougera & Co, Ile de France, Havre
5 cs, Burroughs Wellcome & Co, American Trader, London
6 cs, Italian Drug Importing Co, Conte di Savoia, Genoa
4 cs, J Personeni, Conte di Savoia, Genoa
3 cs, Neo Galen Corp, Conte di Savoia, Genoa
MICA—47 cs, Matheran, Calcutta
10 cs, J Block & Co, American Trader, London
32 cs, Western Prince, Buenos Aires
SPLITTINGS—147 cs, Gillespie Rogers Pyatt Co, Matheran, Calcutta
314 cs, Matheran, Calcutta
MILK POWD—1,600 bgs, Balfour Guthrie & Co, Beemsterdijk, Rotterdam
1,238 bgs, Beemsterdijk, Rotterdam
5,755 bgs, Balfour Guthrie & Co, Veendam, Rotterdam
3,698 bgs, Veendam, Rotterdam
MOLASSES—80,137 gls, National Sugar Refg Co, Seatrain Havana, Havana
MOWRAH MEAL—1,120 bgs, Matheran, Calcutta
NAPHTHALENE—245 bgs, Calco Chem Co, Beemsterdijk, Rotterdam
1,650 bgs, Calco Chem Co, Charles H Cramp, Lourenco
693 bgs, 45 tons, 17 cwts, 3 qtrs, 3 lbs, Calco Chem Co, Capulin, Hull
300 bgs, 59,276 lbs, Charles Hardy, Black Tern, Antwerp
253 bgs, 44,385 lbs, Calco Chem Co, Black Tern, Antwerp
OCHER—60 cks, F B Vandegrift & Co, Exeter, Marseilles
4 cks, J H Rhodes & Co, Exeter, Marseilles
188 cks, Reichard Coulston, Exeter, Marseilles
OIL, ANISE—15 dms, Dodge & Olcott Co, Noshiro, Nagasaki
7 dms, Ungerer & Co, Noshiro, Nagasaki
3 dms, Orbis Product Trading Co, Noshiro, Nagasaki
BAY—5 cs, J H Rodriguez Co, Borinquen, San Juan
CAMPHOR—25 dms, Ungerer & Co, Noshiro, Yokohama
10 dms, Magnus, Mabee & Raynard, Noshiro, Yokohama
6 dms, L A Champon, Tai Yang, Kobe
CASSIA—10 dms, Dodge & Olcott Co, Noshiro, Nagasaki

OIL, CASSIA—20 dms, Norda Essential Oil & Chem Co, Tai Yang, Hongkong
CHINAWOOD—133 dms, Murray Oil Co, Noshiro, Nagasaki
COCONUT—710 tons, Philippine Refg Corp, Tai Yang Manila
COD—60 cks, Hammond & Carpenter, Fort Amherst, St Johns
400 dms, Brown Bros, Harriman Co, Hansa, Hamburg
100 dms, National Oil Product Co, Hansa, Hamburg
100 dms, I R Boody & Co, Hoegh Transporter, Kobe
CODLIVER—150 dms, Gunning & Gunning, Bergensfjord, Kristiansund
220 dms, C L Huisking & Co, Bergensfjord, Kristiansund
25 dms, Davis & Laurence, Bergensfjord, Aalesund
1 dm, P R Dreyer, Bergensfjord, Aalesund
15 bbls, S B Penick & Co, Bergensfjord, Bodo
250 dms, Bergensfjord, Bergen
3 cs, R J Prentiss & Co, Bergensfjord, Bergen
556 dms, C T Smith, President Roosevelt, Hamburg
60 dms, Consumers Import Co, Tai Yang, Yokohama
474 dms, J D Irwin & Co, Manhattan, Hamburg
CORN—10 dms, Western Prince, Buenos Aires
50 dms, J R Boody & Co, Beemsterdijk, Rotterdam
125 dms, Corn Product Refg Co, Beemsterdijk, Rotterdam
139 dms, Jean Jadot, Antwerp
210 dms, Corn Product Refg Co, Caledonia, Glasgow
85 dms, American Trader, London
500 dms, Corn Product Refg Co, Hansa, Hamburg
50 dms, Balfour, Guthrie & Co, Black Tern, Antwerp
368 dms, Corn Products Refg Co, Black Tern, Antwerp
55 dms, N C Littauer, Black Tern, Antwerp
15 dms, J R Boody & Co, Black Tern, Antwerp
113 dms, Corn Products Refg Co, Veendam, Rotterdam
112 dms, Balfour, Guthrie & Co, Veendam, Rotterdam
COTTONSEED—800,000 kilos, Exmoor, Alexandria
CREOSOTE—1 dm, Koppers Prod Co, Georgic, Southampton
CROTON—3 cs, J E Bernard & Co, Hansa, Hamburg
ESSENTIAL—19 cs, Beemsterdijk, Rotterdam
7 cs, Ile de France, Havre
15 cs, Exeter, Marseilles
20 cs, Veendam, Rotterdam
FISH—34 dms, Bergensfjord, Aalesund
FUEL—93,000 bbls, Standard Oil Co of N J, Pan Bolivar, Aruba
110,000 bbls, Standard Oil Co of N J, D L Harper, Aruba
65,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
85,000 bbls, Standard Oil Co of N J, Baltic, Aruba
LAVENDER—4 dms, Geo Silver Import Co, Exeter, Marseilles
4 dms, Chase Nat Bank, Exeter, Marseilles
LEMON—12 qtr cs, Orbis Product Trading Co, Maria, Messina
91 qtr cs, Lo Curto & Funk, Maria, Messina
100 cs, Geo Lueders & Co, Marin Sanudo, Messina
157 qtr cs, Lo Curto & Funk, Marin Sanudo, Messina
LIME—1 cs, Dodge & Olcott Co, Western Prince, Port Spain
LINSEED—200 bbls, Woburn, Degreasing Co, Beemsterdijk, Rotterdam
100 dms, Veendam, Rotterdam
LUBRICATING—15 cks, Lummiss Co, Samaria, Liverpool
200 dms, Black Tern, Antwerp
OITICICA—100 dms, National City Bank, Polycarp, Ceara
50 dms, Irving Trust Co, Polycarp, Ceara
150 dms, Polycarp, Ceara
OLIVE—305 cs, Aakre, Genoa
1,103 cs, Aakre, Leghorn
50 dms, Public Natl Bank, Aakre, Barcelona
100 dms, Guaranty Trust Co, Aakre, Barcelona
150 cs, Aakre, Seville
2,950 cs, Marin Sanudo, Leghorn
10 dms, Leghorn Trading Co, Marin Sanudo, Leghorn
38 cks, J Uddo Corp, Marin Sanudo, Palermo
60 cs, Marin Sanudo, Palermo
23 cks, J Uddo, Vulcania, Palermo
14 cs, Exeter, Naples
100 cs, 5 dms, Exeter, Leghorn
10 dms, De Simone Bros, Exeter, Genoa
1,480 cs, 30 dms, Exeter, Genoa
ORANGE—8 cs, Avery F Payne Co, Colombia, Kingston
9 dms, Dodge & Olcott Co, Exeter, Marseilles

H. A. GOGARTY, Inc.
23 YEARS OF SPECIALIZED SERVICE
EXPORTS
SHIPPING
CUSTOMS
BROKERS
15 MOORE ST., NEW YORK

OIL, ORANGE—4 dms, A Chiris Co, Exeter, Marseilles
17 dms, Ungerer & Co, Exeter, Marseilles
9 dms, Exeter, Marseilles
PALM—22 bbls, I R Boody & Co, Beemsterdijk, Rotterdam
PEANUT—288,982 kilos, F Simonins, Beemsterdijk, Rotterdam
PERILLA—335 tons, Spencer Kellogg & Sons, Noshiro, Osaka
quantity, S L Jones & Co, Tai Yang, Kobe
1,039 tons, Spencer Kellogg & Sons, Hoegh Transporter, Dairen
PIMENTO LEAF—17 cs, Dodge & Olcott Co, American Trader, London
POPPYSEED—5 dms, Fezandie & Sperrle, Beemsterdijk, Rotterdam
RESIDUE—6 cs, J E Bernard & Co, Hansa, Hamburg
ROSEWOOD—5 dms, Sheridan, Manaus
SAGE—4 cs, Dodge & Olcott Co, Vulcania, Trieste
SESAME—15 dms, I R Boody & Co, Beemsterdijk, Rotterdam
SOLUBLE—11 dms, R Wyndham, Markham, Caledonia, Glasgow
SOYBEAN—73 dms, Frey & Hogan, Beemsterdijk, Rotterdam
SUNFLOWER SEED — 250 dms, Beemsterdijk, Rotterdam
100 dms, Ossola Bros, Beemsterdijk, Rotterdam
50 dms, Veendam, Rotterdam
VEGETABLE—100 dms, I R Boody & Co, Veendam, Rotterdam
OPIUM—162 cs, Merck & Co, Beemsterdijk, Rotterdam
PAINT—26 dms, Haas Bros, Veendam, Rotterdam
PAPRIKA—15 bgs, J Raphael & Son, Vulcania, Trieste
PEATMOSS—9,000 bls, Premier Peatmoss Corp, Ivar, Malmo
300 bls, Hansa, Hamburg
2,000 bls, 100 half bls, Veendam, Rotterdam
950 bls, Half Moon Mfg Trading Co, Veendam, Rotterdam
PETROLEUM, CRUDE—90,066 bbls, Gulf Oil Corp, Gulfpenn, Las Piedras
100,000 bbls, Standard Oil Co of N J, Walter Jennings, Aruba
2,784,797 gls, Standard Oil Co of N J, S B Hunt, Tampico
SULPHONATED—16 bbls, Hansa, Hamburg
PIMENTO—300 bgs, Barclay Bank, Colombia, Kingston
PODS—5 bls, S B Penick & Co, American Trader, London
POPPYSEED—100 bgs, 11,000 lbs, Beemsterdijk, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Veendam, Rotterdam
150 bgs, 16,500 lbs, C M Van Sillevoldt, Veendam, Rotterdam
POTASH, CARBONATE—28 cks, Hansa, Hamburg
CAUSTIC—130 dms, American Cyanamid & Chem Co, Hansa, Hamburg
CHLORATE—200 dms, Charles Hardy, Jean Jadot, Antwerp
SALT — 5 cs, 12 kegs, P H Petry & Co, American Trader, London
PUMICE—3,210 bgs, K F Griffiths & Co, Maria, Cannetto
200 bgs, Maria, Cannetto
LUMP—100 bgs, 7 cks, C B Chrystal & Co, Maria, Cannetto
105 bgs, Whittaker, Clark & Daniels, Maria, Cannetto
4 cks, 100 bgs, K F Griffiths & Co, Maria, Cannetto
PYRETHRUM FLOWERS—12 bls, Vulcania, Trieste
QUEBRACHO EXTRACT—500 bgs, Tannin Corp, Western Prince, Buenos Aires
3,630 bgs, International Selling Corp, Western Prince, Buenos Aires
QUICKSILVER—60 flasks, Chase Natl Bank, Yucatan, Vera Cruz
500 flasks, Charles Pfizer & Co, Marin Sanudo, Leghorn
150 flasks, Roma & Fagar, Marin Sanudo, Leghorn
QUINCE SEED—20 bgs, 3,718 lbs E Meer & Co, Exeter, Beyrouth
11 bgs, Manhattan, Hamburg
ROOT, MEDICINAL — 258 bgs, Vulcania, Trieste
5 bls, Vulcania, Trieste
5 bgs, R D Hines, Conte di Savoia, Genoa
SAFFRON—1 cs, Andre L Causse, Ile de France, Havre
SAGO FLOUR—725 bgs, Stein, Hall & Co, Noshiro, Kobe
800 bgs, Noshiro, Kobe
SARDINE MEAL—4,000 bgs, S L Jones & Co, Noshiro, Yokohama
SARSAPARILLA ROOT—1 bl, Grace Natl Bank, Platano, Pto Cortez
SAWDUST—500 bgs, State Chem Co, Beemsterdijk, Rotterdam
605 bgs, State Chem Co, Veendam, Rotterdam
SESAME SEED—840 bgs, Arnhold & Co, Noshiro, Nagasaki
600 bgs, Arnhold & Co, Noshiro, Hankow
SHELLAC—250 bgs, Philadelphia Natl Bank, Matheran, Calcutta
150 cs, Guaranty Trust Co, Matheran, Calcutta
125 cs, Manufacturers Trust Co, Matheran, Calcutta
100 bgs, Brown Bros Harrison Co, Matheran, Calcutta
100 bgs, National City Bank, Matheran, Calcutta
300 bgs, Argenti & Co, Matheran, Calcutta
125 bgs, Wm Zinsser & Co, Matheran, Calcutta
200 bgs, Schwab Bros, Matheran, Calcutta
50 bgs, Carleton & Moffatt, Matheran, Calcutta
25 cs, Alfred Kramer & Co, Matheran, Calcutta
25 cs, 40 bgs, A Hurst & Co, Beemsterdijk, Rotterdam
100 bgs, A Hurst & Co, American Trader, London
10 bgs, 19 cs, A Hurst & Co, Hansa, Hamburg
BUTTON LAC—24 bgs, Wm Zinsser & Co, Matheran, Calcutta
GARNET LAC—50 bgs, Guaranty Trust Co, Matheran, Calcutta
SEEDLAC—300 bgs, Philadelphia Nat'l Bank, Matheran, Calcutta
100 bgs, Carleton & Moffatt, Matheran, Calcutta

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SHELLAC, SEEDLAC—200 bgs, Brown Bros Harriman Co, Matheran, Calcutta
100 bgs, E E Androvette, Matheran, Calcutta
200 bgs, Wm Zinsser & Co, Matheran, Calcutta
100 bgs, Chase Nat'l Bank, Matheran, Calcutta
750 bgs, Guaranty Trust Co, Matheran, Calcutta
SIENNA—28 bbls, 14,674 lbs, Reichard Coulston, Aakre, Leghorn
5 cks, 2,981 lbs, Marin Sanudo, Leghorn
SOAP BARK—372 pkgs, Duncan Fox & Co, Paula, Valparaiso
SOAP—11 cs, R F Downing & Co, President Roosevelt, London
63 cs, British-French Discount Bank, Vulcania, Patras
300 cs, 20 cyl, Conti Product Co, Exeter, Leghorn
MILLINGS—50 cs, Yardley & Co, American Trader, London
SADDLE—5 cs, Meadows Wye & Co, American Trader, London
15 cs, Salomon & Phillips, American Trader, London
SHAVING BASE—6 cs, Yardley & Co, American Trader, London
SODA CYANIDE—990 dms, Charles Hardy, Ile de France, Havre
PRUSSIATE—33 cks, M J Corbett & Co, Veendam, Rotterdam
SILICOFLUORIDE—50 bgs, 11,000 lbs, American Cyanamid & Chem Co, Aakre, Barcelona
100 bgs, 22,000 lbs, Harshaw Chem Co, Marin Sanudo, Leghorn
120 bbls, 35,640 lbs, Harshaw Chem Co, Hansa, Hamburg
80 bgs, 18,450 lbs, American Cyanamid & Chem Co, Hansa, Hamburg
SPONGES—43 bls, Munargo, Havana
31 bls, J H Rhodes & Co, Beemsterdijk, Rotterdam
12 bls, Middleton & Co, Colombia, Kingston
26 bls, Oriente, Havana
3 bls, American Sponge & Chamois Co, Yucatan, Havana
13 bls, J Block, Yucatan, Havana
5 bls, Popular Bank, Vulcania, Patras
1 bl, National Bank of Greece, Vulcania, Patras
29 bls, Van Oppen & Co, Munargo, Havana
1 bl, J H Rhodes & Co, Munargo, Havana
8 bls, American Sponge & Chamois Co, Munargo, Havana
22 bls, Schroeder & Tremayne, Munargo, Havana
10 bls, Phoenix Shipping Co, Munargo, Havana
REFUSE—8 bls, American Sponge & Chamois Co, Yucatan, Havana
8 bls, J Block, Yucatan, Havana
38 bls, Munargo, Havana
STARCH, POTATO—200 bgs, Stein, Hall & Co, Beemsterdyk, Rotterdam
RICE—50 bbls, Jean Jadot, Antwerp
112 bbls, Stein, Hall & Co, Jean Jadot, Antwerp
STEATITE—5 bbls, M Kirchberger, Exeter, Leghorn
SUMAC—350 bgs, E E Androvette, Maria, Palermo
SUNFLOWER SEED—60 bgs, President Roosevelt, Hamburg
67 bgs, Manhattan, Hamburg
TALC—4 bgs, Whittaker, Clark & Daniels, Bergensfjord, Bergen
400 bgs, 88,000 lbs, L A Salomon & Bros, Aakre, Genoa
100 bgs, Marin Sanudo, Genoa
2,800 bgs, Charles Mathiew, Marin Sanudo, Genoa
300 bgs, C B Chrystal & Co, Tai Yang, Kobe
300 bgs, Whittaker, Clark & Daniels, Pipestone County, Bordeaux
500 bgs, L A Salomon & Bros, Pipestone County, Bordeaux
TANKAGE—6,096 bgs, Paraguayo, Santos
1,015 bgs, H J Baker & Bros, Paraguayo, Montevideo
500 bgs, H J Baker & Bros, Paraguayo, Buenos Aires
5,006 bgs, Van Iderstine Co, Paraguayo, Buenos Aires
2,801 bgs, Paraguayo, Buenos Aires
120 bgs, Santa Inez, Callao
TAPIOCA FLOUR—2,000 bgs, Corn Products Refg Co, Castor, Puerto Plata
TARTAR—617 bgs, Charles Pfizer & Co, Marin Sanudo, Genoa
456 bgs, Charles Pfizer & Co, Marin Canudo, Leghorn
459 bgs, Marin Sanudo, Naples
TIMBO POWD—354 cs, Polycarp, Para
ROOT—386 bls, Sheridan, Manaus
6 cs, Sheridan, Para
34 bls, Polycarp, Para
TOLU BALSAM—10 cs, Fritzsche Bros, Colombia, Puerto Colombia
TUCUM KERNELS — 3,101 bgs, Franklin Baker Co, Polycarp, Parnahyba
UREA—267 bgs, Advance Solvents & Chem Co, Beemsterdijk, Rotterdam
1,500 bgs, Synthetic Nitrogen Prod Corp, Westernland, Antwerp
VANADIUM—3,600 bgs, Vanadium Corp of America, Cimu, Callao
VALERIAN ROOT—30 bls, J L Hopkins & Co, Koenigstien, Antwerp
VANILLA BEANS—6 cs, Yucatan, Vera Cruz
56 cs, Guaranty Trust Co, Exeter, Marseilles
20 cs, Exeter, Marseilles
VARNISH—2 cs, Norwegian American Line, Bergensfjord, Fredrikstad
1 cs, M Grumbacher, Veendam, Rotterdam
WATER, MINERAL—40 ctns, Westegaard, Berg, Johnsen Co, Bergensjord, Fredrikstad
150 cs, Westernland, Antwerp
350 cs, D F Young, Westernland, Antwerp
100 cs, Bank of Sicily Trust Co, Conte di Savoia, Genoa
WAX—55 bgs, C B Chrystal & Co, Hansa, Hamburg
BEES—6 bgs, Lenape Trading Co, Oriente, Havana
2 bgs, D Steengrafe, Borinquen, San Juan
25 seroons, Porcella Vicini & Co, San Jacinto, Porto Plata
3 bgs, Machado & Co, San Jacinto, Porto Plata
60 bgs, Duncan, Fox & Co, Paula, Valparaiso
9 bgs, Schutte & Focke, Castor, Sanchez
CARNAUBA—625 bgs, Sheridan, Para, Ceara
72 bgs, Strahl & Putsch, Sheridan, Ceara
6 bgs, American Cyanamid & Chem Co, Sheridan, Ceara
56 bgs, Innis, Speiden & Co, Sheridan, Ceara
337 bgs, Wessel, Duval & Co, Sheridan, Ceara
286 bgs, Wm M Allison & Co, Polycarp, Ceara
39 bgs, Strahl & Putsch, Polycarp, Ceara
112 bgs, American Cyanamid & Chem Co, Polycarp, Ceara
22 bgs, Bank of London South America, Polycarp, Ceara
125 bgs, Innis, Speiden & Co, Polycarp, Parnahyba
314 bgs, American Cyanamid & Chem Co, Polycarp, Parnahyba
739 bgs, Strahl & Putsch, Polycarp, Parnahyba
43 bgs, Strahl & Putsch, Polycarp, Bahia
1,292 bgs, Strohmeyer & Arpe Co, Polycarp, Parnahyba
188 bgs, Polycarp, Parnahyba
WAX, LIQUID—1 ck, C S Greene & Co, Beemsterdijk, Rotterdam
OZOKERITE—153 bgs, 13,145 lbs, R Dick, Hansa, Hamburg
94 bgs, American Cyanamid & Chem Co, Vulcania, Trieste
84 bgs, Strohmeyer & Arpe Co, Vulcania, Trieste
20 bgs, Veendam, Rotterdam
VEGETABLE—100 cs, Asano Eussan Co, Noshiro, Moji
40 bgs, A Hurst & Co, American Trader, London
WHITING—2,000 bgs, Manufacturers Trust Co, Jean Jadot, Antwerp
WOLFRAM ORE—1,188 bgs, Wah Chang Trading Corp, Noshiro, Nagasaki
WOODFLOUR—3,150 bgs, Burnet Co, Bergensfjord, Fredrickstad
203 bgs, B L Sobenski, Bergensfjord, Fredrikstad
400 bgs, State Chem Co, Beemsterdijk, Rotterdam
YEAST—100 cks, President Roosevelt, Hamburg
14 crts, 120 kegs, Hansa, Hamburg
250 bbls, Vulkan Yeast Co, Hansa, Hamburg
PASTE—300 cs, P H Petry & Co, Hansa, Hamburg
ZINC, OXIDE—25 cks, American Metal Corp, Beemsterdijk, Rotterdam
60 bbls, Innis, Speiden & Co, Jean Jadot, Antwerp
50 bgs, 55 bbls, Philipp Bros, Westernland, Antwerp

New York Transit Imports

BUCHU LEAVES—20 bls, Allaire Woodward & Co, Charles H Cramp, Cape Town, Peoria
COALTAR—35 cks, Oldbury Electro Chem Co, Samaria, Liverpool, Niagara Falls
GELATIN—2 cs, American Express Co, Europa, Bremen, Rochester
ISINGLASS—11 cs, G W Sheldon & Co, American Trader, London, Chicago
OIL, CHINAWOOD—694 tons, W G Smith Co, Tai Yang, Hankow, Cleveland
PEANUT—552,194 kilos, Armour & Co, Beemsterdijk, Rotterdam, Chicago
PERILLA—150 dms, W G Smith & Co, Hoegh Transporter, Kobe, Cleveland
SPONGES—8 bls, Oriente, Havana, Hamburg
73 bls, Yucatan, Havana, Paris
30 bls, Yucatan, Havana, Lyons
22 bls, National Sponge Co, Yucatan, Havana, Chicago
REFUSE—3 bls, National Sponge Co, Yucatan, Havana, Chicago
STARCH, POTATO—50 bgs, Arnold Hoffman & Co, Veendam, Rotterdam, Providence
WAX, VEGETABLE—635 cs, Tuji Trading Co, Noshiro, Moji, Chicago

Baltimore Imports

ANTIMONY OXIDE—500 bgs, Kwansai, Shanghai
ALUMINUM AND BRONZE POWDER—14 cs, City of Baltimore, Hamburg
ARSENIC—1,165 dms, 1,161 bbls, General Chemical Co, Schwanheim, Kompanholmen
BRONZE POWDER—9 dms, American Express Co, City of Baltimore, Hamburg
BAUXITE RESIDUE—30 bgs, E M & F Waldo, Waukegan, Leith
CASEIN—320 sks, Leerdam, Rotterdam
CHEMICALS—40 cks, City of Baltimore, Hamburg
13 cks, Brown Bros & Harriman, City of Baltimore, Hamburg
353 bgs, F H Shallus & Co, City of Baltimore, Hamburg
100 cks, Leerdam, Rotterdam
CLAY—473 bgs, City of Baltimore, Hamburg
FERRO PHOSPHORUS—300 cks, City of Baltimore, Hamburg
IRON ORE—7,795 tons, Leonard J Buck, Lulea, Narvik
11,500 tons, Bethlehem Steel Co, Firmroe, Daiquiri
22,200 tons, Bethlehem Steel Co, Marore, Cruz Grande
OXIDE—3 cks, E M & F Waldo, Cold Harbor, Liverpool
MANGANESE ORE—250 bgs, Estrella, Marseilles
MAGNESIA SILICOFLUORIDE—1 bbl, Baltimore & Ohio RR Co, City of Baltimore, Hamburg
MEDICINAL PREPS—25 cs, Leerdam, Rotterdam
OIL, FUEL—68,000 bbls, Standard Oil Co, N J, Franklin K Lane, Aruba
BARBASSU—50 dms, City of Baltimore, Hamburg
OLIVE—155 cs, Exmouth, Leghorn
PEATMOSS—800 bls, City of Baltimore, Hamburg
PETROLEUM, CRUDE—67,000 bbls, Mexican Petroleum Corp, M F Elliott, Los Piedras
PYRITES IRON — 8,608 tons, Lindenbank, Huelva
POTASH, MURIATE—1,974 tons, N V Potash Export My, Navemar, Barcelona
SULPHATE—3,000 bgs, N V Potash Export My, City of Baltimore, Hamburg
RENNET EXTRACT—10 cks, City of Baltimore, Hamburg
SIENNA—4 cks, Exmouth, Leghorn
SARDINE MEAL—3,360 bgs, Hoegh Merchant, Kobe
SILLEMITE ROCK—90 tons, Clydebank, Calcutta
UMBER, BURNT, CRUDE—41 bgs, Mahronda, Port Said
ZINC SILICOFLUORIDE—1 bbl, Baltimore & Ohio RR Co, City of Baltimore, Hamburg

Boston Imports

ACID, STEARIC—133 triple bgs, 10 tons, 6 cwts, 1 qtr, 9 lbs, Martins Bank, Samaria, Liverpool
ARSENIC, RED, POWD—50 dms, 1,213 lbs, American Cyanamid & Chem Corp, Black Condor, Antwerp
AMMONIAC, SAL—50 cks, 12,408 lbs, African Metal Corp, Black Condor, Antwerp
BARIUM CHLORIDE—50 bgs, Th Goldschmidt Corpn, Beemsterdijk, Rotterdam
BARYTES—200 double bgs, 44,092 lbs, Isis, Bremen
CHEMICALS—2 cs, 198 lbs, Gustav Martin, Isis, Hamburg
10 cks, and 32 bbls, 29,887 lbs, F A Kertess, Isis, Hamburg
300 cks, 35,948 lbs, Isis, Hamburg
254 bgs, 55,997 lbs, Isis, Bremen
50 bgs, Beemsterdijk, Rotterdam
20 cks, American Cyanamid & Chemical Corpn, Beemsterdijk, Rotterdam
84 dmjhns, 30 dms, 36,008 lbs, Black Condor, Rotterdam
125 dms, 58,697 lbs, Wilmington Warehouse Co, Black Condor, Rotterdam
CHESTNUT EXTRACT—2 bgs, 297 lbs, Bats Shoe Co, Canulin, Hamburg
CORUNDUM, CRYSTAL—10,648 bgs, 1,008 tons, 18 cwts, 4 lbs, Standard Bank of South Africa, West Cawthon, Lourenco Marques
1,000 bgs, 102 tons, 10 cwts, 20 lbs, West Cawthon, Lourenco Marques
DYE, ALIZARIN, DERIVATIVE—2 kgs, E I du Pont de Nemours & Co, Samaria, Liverpool

EMERY FILLET—1 cs, Atkinson, Haserick & Co, Samaria, Liverpool
2 cs, Joseph Sykes Bros, Samaria, Liverpool
EXTRACT—3 cs, Gustav Martin, Samaria, Liverpool
FISH LIVERS—2 bbls, from Nova Scotia
1 bx, Globe Food Products, Yarmouth, Yarmouth
FORMALDEHYDE SULPHITE—50 kgs, 2 tons, 16 cwts, 2 qtrs, 22 lbs, Phillip Bros, Inc, Samaria, Liverpool
GLASS, WINDOW—1 cs, 1,764 lbs, Sears Roebuck & Co, Black Condor, Antwerp
GLUE—180 bgs, 9 tons, 4 cwts, 3 qtrs, 8 lbs, Stone & Downer, Samaria, Liverpool
BONE, DRY—96 bgs, 10,582 lbs, F Doherty & Co, Isis, Hamburg
HIDE, GR'D—300 bgs, Vulcania, Trieste
200 dbl bgs, 23,810 lbs, Isis, Bremen
GLUESTOCK, FISH SCRAP—1 bbl, 35 bxs, J R Poole, Yarmouth, Yarmouth
HIDE CUTTINGS—160 bgs, 15 tons, 8 cwt, 15 lbs, Samaria, Liverpool
471 bgs, Nova Scotia, Liverpool
GLYCERIN—21 dms, Irving M Sobin & Co, Black Condor, Antwerp
GOLD THREAD—1 bdl, S W Gould & Co, Yarmouth, Yarmouth
GREASE, WOOL—30 bbls, 6 tons, 5 cwt, 2 qtrs, 20 lbs, City of Flint, Liverpool
GUM, INDUSTRIAL—60 bgs, President Hayes, Marseilles
50 bgs, Nova Scotia, Liverpool
GYPSUM, CRUDE—5,625 tons, United States Gypsum Co, Gypsum Queen, Windsor, N S
HERBS—12 bls, 3,763 lbs, F W Mead & Co, Isis, Hamburg
DRY—2 cs, Quong Wo Lung, President Hayes, Hongkong
IRON OXIDE—8 cks, Nova Scotia, Liverpool
20 cks, Beemsterdijk, Rotterdam
SULPHATE CHLORIDE—4 bbls, 1,023 lbs, American Writing Ink Co, Isis, Hamburg
LIME JUICE—50 hgshds, J P W Von Laer, Lady Drake, Dominica
LYE WATER—2 cs, Tung Hing Lung, President Hayes, Hongkong
MAGNESITE, CALC—40 bbls, Irving Trust Co, Beemsterdijk, Rotterdam
MEDICINAL PREP'S—2 cs, Tung Hing Lung, President Hayes, Hongkong
14 cs, Quong Wo Lung, President Hayes, Hongkong
1 cs, 371 lbs, Capulin, London
2 cs, 44 lbs, World Freight Co, Black Condor, Antwerp
MICA SPLITTINGS — 100 cs, Wallace Bros, City of Birmingham, Calcutta
455 cs, Guaranty Trust Co, City of Birmingham, Calcutta
MILK, POWDER—1,650 bgs, Ward Dry Milk Corp, Beemsterdijk, Rotterdam
1,050 bgs, Beemsterdijk, Rotterdam
2,000 bgs, 224,869 lbs, Balfour, Guthrie & Co, Black Condor, Rotterdam
MOLASSES—841,727 gls, Commercial Molasses Co, Amolco, Tajardo
MYROBALAN EXTRACT—300 bgs, 15 tons, Capulin, Hull
NICOTINE SULPHATE—2 crtns, Tobacco By-Products & Chemical Co, Yarmouth, Yarmouth
OCHER—35 cs, 21,370 lbs, Stone & Downer, Exeter, Marseilles
OIL, COCONUT, CRUDE—1,325 tons, Philippine Refining Corp, Silver Cypress, Cebu
COD—200 dms, 88,184 lbs, Capulin, Hamburg
CORN—34 dms, 15,177 lbs, N C Littauer, Black Condor, Rotterdam
FUEL—2 dms, 8 cwt, 3 qtrs, 26 lbs, E B Badger & Son, City of Flint, Liverpool
MINERAL—75 dms, 33,565 lbs, S Schwabacker & Co, Isis, Hamburg
OLIVE—25 dms, First Nat Bank, Beemsterdijk, Rotterdam
50 dms, Schroeder Bros, Beemsterdijk, Rotterdam
PEANUT—20 cs, Tung Hing Lung, President Hayes, Hongkong
20 cs, Sue Shang Co, President Hayes, Hongkong, for Montreal
OSSEIN—1,200 bgs, 7,372 lbs, Atlantic Gelatine Co, Black Condor, Antwerp
4,000 bgs, 195,988 lbs, J O Whitten Co, Black Condor, Antwerp
1,016 bgs, 147,271 lbs, Black Condor, Antwerp
PEATMOSS—195 bls, 33,113 lbs, Isis, Bremen
675 bls, 105,732 lbs, Isis, Bremen
900 bls, 144,511 lbs, Peat Import Corp, Capulin, Hamburg
300 bls, 43,695 lbs, Isis, Bremen
300 bls, 46,649 lbs, L E Page, Isis, Bremen
400 bls, 61,574 lbs, Curley Bros, Isis, Bremen
POPPYSEED—50 bgs, J Sklar Co, Beemsterdijk, Rotterdam
POTASH, SULPHATE—1,000 bgs, 19,997 lbs, First Nat Bank, Black Condor, Antwerp
SAGE—29 lbs, Vulcania, Dubrovnik
SHELLAC—5 double bgs, 10 bgs, 25 cs, 7,883 lbs, J Henry Schroeder Banking Corp, Hamburg
40 cs, 10 bgs, J Henry Schroeder Banking Corp, Beemsterdijk, Rotterdam
25 bgs, Grace Nat Bank, City of Birmingham, Calcutta
BUTTONLAC—50 bgs, Grace Nat Bank, City of Birmingham, Calcutta
REFUSELAC—250 bls, First Nat Bank, City of Birmingham, Calcutta
SILICON CARBIDE—8 cks, 974 lbs, Waltham Grinding Wheel Co, Exeter, Marseilles
SOAP—50 cs, 1,988 lbs, Conti Products Corp, Exeter, Leghorn
20 cs, V De Messimy, President Hayes, Marseilles, Chicago
TOILET—1 cs, Lever Bros, Samaria, Liverpool
SODA HYDROSULPHITE—20 kegs, Lever Bros, Nova Scotia, Liverpool
SULPHATE—100 dms, 47,813 lbs, African Metals Corp, Black Condor, Antwerp
STARCH—5 cs, Tung Hing Lung, President Hayes, Hongkong
CHEMICALLY TREATED—1,000 bgs, Beemsterdijk, Rotterdam
TALC—300 bgs, 66,138 lbs, Whittaker, Clark & Daniels, Exeter, Marseilles
275 bgs, 60,626 lbs, L A Salomon & Bros, Schodack, Havre
TAPIOCA FLOUR—1,337 bgs, Balfour, Guthrie & Co, Silver Cypress, Pamanoekan
511 bgs, Guaranty Trust Co, Silver Cypress, Cheribon
WATER, MINERAL—150 cs, President Hayes, Marseilles
WHITING—1,000 bgs, 11,023 lbs, Black Condor, Antwerp
50 bbls, 2,403 lbs, African Metals Corp, Black Condor, Antwerp
ZINC OXIDE—9 dms, 2,842 lbs, C H Powell Co, Black Condor, Rotterdam
20 bbls, 533 lbs, Philipps Bros, Black Condor, Antwerp

Galveston Imports

HOPS—30 bls, West Camak, Hamburg
SODA SILICATE—80 bgs, West Camak, Hamburg

Gloucester Imports

GLUESTOCK, FISH SCRAP—85,000 lbs, Russia Cement Co, Atacama, Lockeport, N S

Houston Imports

CLEANING COMPOUND—8 cs, West Camak, Hamburg
GLASS, PLATE—1 cs, West Camak, Bremen
HOPS—14 bls, West Camak, Hamburg
OIL, CODLIVER, POULTRY—25 dms, West Camak, Hamburg
MINERAL—100 dms, West Camak, Hamburg
PEATMOSS—650 bls, West Camak, Bremen
800 bls, West Camak, Hamburg
SODA, CHLORATE—2,000 dms, West Camak, Hamburg
SULPHATE—721 bgs, Nevada, Antwerp

Los Angeles Imports

ACID, CRESYLIC—9,890 lbs, Pacific Ranger, London
AGAR AGAR—1,820 lbs, Keisho, Kobe
AMMONIA SULPHATE—67,200 lbs, Rochelle, Trail
CHALK, CRUDE—224,000 lbs, San Jose, London
CHEMICAL COMPOUND—600 lbs, Asama, Yokohama
CLOVES—2,300 lbs, Silverpalm, Batavia
COALTAR PROD—20 lbs, Koryu, Kobe
DERRIS POWD—250 lbs, Keisho, Yokohama
DRUGS, CRUDE—160 lbs, President Cleveland, Hongkong
22,000 lbs, Nankai, Yokohama
DYE, HAIR—100 lbs, Koryu, Kobe
FERTILIZER—73,800 lbs, Neisho, Yokohama
2,200 lbs, Nichujo, Yokohama
FISH MEAL—160,000 lbs, Koyei, Osaka
FLEASEED—10,820 lbs, President Adams, Marseilles
10,900 lbs, from Seville
GELATIN—1,100 lbs, San Jose, Brussels
GLASS, SHEET—16,200 lbs, Oakland, Prague
WINDOW—13,660 lbs, Oakland, Brussels
GUM, COPAL—16,236 lbs, Silverpalm, Macassar
DAMMAR—2,240 lbs, Silverpalm, Macassar
LAVENDER FLOWERS—250 lbs, Schwaben, Hamburg
LICORICE—780 lbs, Margaret Johnson, Gothenburg
LIME, HYDRATED—20,200 lbs, Rochelle, Vancouver
LINSEED MEAL—200,000 lbs, Koyei, Kobe
OIL, CHINAWOOD—56,700 lbs, Asama, Hongkong
COTTONSEED—234,000 lbs, Koyei, Japan
110,460 lbs, West Ivis, Pernambuco
KAPOKSEED—322,330 lbs, Koyei, Kobe
305,000 lbs, from Japan
OLIVE—7,300 lbs, President Adams, Leghorn
PARAFFIN—26,000 lbs, From Antwerp
PEANUT—3,240 lbs, President Cleveland, Hongkong
PERILLA—40,000 lbs, Koryu, Kobe
120,000 lbs, Koyei, Japan
RAPESEED—160,000 lbs, Koryu, Yokohama
20,000 lbs, Keisho, Kobe
SESAME—140 lbs, President Cleveland, Canton
910 lbs, Koryu, Yokohama
PAPRIKA—2,750 lbs, From Valencia
PIMENTO—3,680 lbs, Loch Katrine, Kingston
POTASH, CHLORATE—58,230 lbs, Oakland, Paris
QUEBRACHO EXTRACT—21,680 lbs, West Ivis, Buenos Aires
QUICK LIME—30,250 lbs, Rochelle, Vancouver
RICE FLOUR—150 lbs, Asama, Yokohama
1,000 lbs, Koryu, Yokohama
SARDINE MEAL—217,280 lbs, Koyei, Kobe
SESAME SEED—10,000 lbs, Noshiro, Osaka
672,000 lbs, Asama, Shanghai
20,000 lbs, President Cleveland, Hongkong
SILVERSAND—1,187,200 lbs, San Jose, Antwerp
SOAP, TOILET—640 lbs, From London
STARCH—150 lbs, Koryu, Kobe
SUPERPHOSPHATE—50,000 lbs, Koyei, Osaka
TALC—9,000 lbs, Keisho, Kobe
TAPIOCA FLOUR—760 lbs, President Cleveland, Hongkong
WAX, SPERMACETI—6,000 lbs, Koyei, Kobe
WHITING—93,150 lbs, Europa, Copenhagen

Mobile Imports

SODA NITRATE—1,400 tons, Luossa, Tocopilla

New Orleans Imports

BAUXITE ORE — 4,470 tons, Gypsum King, Georgetown
3,100 tons, Aluminum Ore Co, Ramo, Georgetown
2,515 tons, Republic Mining & Mfg Co, Sorvangen, Paramaribo
BOG ORE—524 tons, J H Schroder Banking Corp, West Harshaw, Hamburg
CHALK—200,000 kilos, Gand, Antwerp
CRUDE—203,060 kilos, West Coast Kalsomine Co, Gand, Antwerp
CHEMICALS—16 dms, Louisiane, Antwerp
148 dms, Advance Solvents & Chem Corp, Chester Valley, Rotterdam
10 dms, Chester Valley, Rotterdam
COCOA BEANS—900 sks, Fruit Dispatch Co, Santa Marta, Bocas del Toro
COCONUTS—50 sks, Fruit Dispatch Co, Lysefjord, Puerto Castilla
20 sks, Fruit Dispatch Co, Lysefjord, Puerto Cortez
100 sks, J Meyer, Sorvangen, Kingston
COPRA—750 tons, Procter & Gamble, Eglantine, Nasugbu
590 tons, Procter & Gamble, Eglantine, Cebu
FERROMANGANESE—101,600 kilos, Uddeholm, Gdynia
GRAPEFRUIT JUICE—47 cks, 550 cs, J Sims, Lysefjord, Belize
GUM, CHICLE—421 bls, Wm Wrigley, Jr, Lysefjord, Belize
MOLASSES—1,254,001 gls, Commercial Molasses Corp, Caloria, Matanzas
1,172,527 gls, American Distilling Co, Dixiano, Puerto Tarafa
MUSTARD—51 cs, Atlantic Sales Corp, Gand, Antwerp
OIL, CREOSOTE—7,996 tons, American Creosote Works, Sylvafield, Salzaete
SUNFLOWER SEED — 100 dms, Chester Valley, Rotterdam
PEATMOSS—300 bls, Peat Import Corp, West Harshaw, Bremen
1,625 bls, Premier Peat Moss Corp, West Harshaw, Hamburg
POTASH CHLORATE—224 cks, International Selling Corp, Louisiane, Antwerp
WHITING—2,000 sks, West Coast Kalsomine Co, Chester Valley, Antwerp

Norfolk Imports

AMMONIA SULPHATE—1,356 tons, Bilderijk, Rotterdam
BLOOD DRIED—3,945 bgs, 441,354 lbs, H J Baker & Bros, West Columb, Buenos Aires
BONE—3,174 bgs, 279 tons, West Columb, Buenos Aires
749 bgs, 101,654 lbs, Hafleigh & Co, West Columb, Buenos Aires
CHEMICALS—100 cks, Advance Solvents & Chem Co, Blommersdijk, Rotterdam
CHINA CLAY—912 tons, Lovland, Fowey
STONE—153 tons, Lovland, Fowey
CLAY, BALL—231 tons, Lovland, Fowey
DEXTRIN—200 bgs, Stein, Hall & Co, N Y, Bilderdijk, Rotterdam
FERTILIZER—3,660 bgs, 369,440 lbs, City of Newport News, Hamburg
LEATHER WASTE—141 bgs, Manchester Exporter, Manchester
201 bgs, 20,748 lbs, Artigas, London
NITROGENOUS—500 bgs, Bilderdijk, Rotterdam
GLUE SIZE—30 bgs, Blommersdijk, Rotterdam
GYPSUM CRUDE—3,500 tons, Robertson Chem Co, Gypsum Prince, Windsor
1,750 tons, Virginia-Carolina Chem Corp, Gypsum Prince, Windsor
ROCK—2,250 tons, Royster Guano Co, Siredal, Walton
NITROLAC—160 bgs—Bilderdijk, Rotterdam
OIL, CODLIVER—50 dms, 4 tons, City of Baltimore, Hamburg
QUEBRACHO EXTRACT—708 bgs, 88,179 lbs, West Columb, Buenos Aires
1,550 bgs, 170,838 lbs, International Product Corp, West Columb, Buenos Aires
SODA NITRATE—Quantity, Chilean Nitrate Sales Corp, Christensen, Tocopilla
STARCH—200 bgs, Norfolk Tidewater Terminals, Bilderdijk, Rotterdam
POTATO—300 bgs, Stein, Hall & Co, N Y, Bilderdijk, Rotterdam
TALC—330 bgs, 29 tons, L A Salomon & Bros, Independence Hall, Havre
TANKAGE—907 tons, 99,979 lbs, H J Baker & Bros, West Columb, Buenos Aires
2,000 bgs, 220,474 lbs, West Columb, Buenos Aires

Philadelphia Imports

ACID, CRESYLIC—49 dms, Waukegan, Leith
BAUXITE RESIDUE—500 bgs, F B Vandegrift & Co, Waukegan, Leith
50 bgs, J Lee Smith & Co, Waukegan, Leith
CEMENT—2,000 bgs, Alfred W C Toepper, Isis, Bremen
4,708 bgs, Isis, Bremen
CHEMICALS—150 bgs, Ore & Chemical Corp, Isis, Hamburg
75 cks, 100 bgs, American Cyanamid & Chemical Co, Isis, Hamburg
50 cks, J W Hampton, Jr. & Co, Isis, Hamburg
200 cks, Isis, Bremen
CHINA CLAY—1,074 tons, 10 cwts, Paper Makers Importing Co, Lovland, Fowey
667 tons, 14 cwts, J W Higman Co, Lovland, Fowey
596 tons, 4 cwts, Moore & Munger, Marpesia, Fowey
1,416 tons, 8 cwts, English China Clays Sales Corp, Marpesia, Fowey
250,000 kilos, Isis, Hamburg
CHINA STONE, GROUND—50 tons, 4 cwts, English China Clays Sales Corp, Marpesia, Fowey
CHROME ORE—350,762 tons, Cuban Industrial Ore Co, Jacob Christensen, Nuevitas
CLAY—20 bgs, R T French Co, Waukegan, Hull
1 bg (Samples), United Clay Mines Corp, Montreal City, Bristol
BALL—100 tons, 9 cwts, Waukegan, Bristol
172 tons, 18 cwts, Paper Makers Importing Co, Lovland, Fowey
170 tons, J W Higman Co, Lovland, Fowey
173 tons, 16 cwts, English China Clays Corp, Marpesia, Fowey
200 tons, United Clay Mines Corp, Montreal City, Bristol
140 tons, Thomas H Sant & Son, Montreal City, Bristol
BLUE—360 tons, Moore & Munger, Marpesia, Fowey
50 tons, Moore & Munger, Montreal City, Bristol
BOND—110,000 kilos, Isis, Hamburg
FIRE—140,000 kilos, Isis, Hamburg
POTTERS, UNWROUGHT—115 tons, Hammill & Gillespie, Marpesia, Fowey
COLOR, DRY—1 bx (Samples), J W Hampton Jr. & Co, Waukegan, London
CORK—3,349 bls, Armstrong Cork Co, Estrella, Casablanca
91 bls, Armstrong Cork Co, Estrella, Seville
72 bls, Armstrong Cork Co, Navemar, San Feliu de Guixols
BOARD—4 crates, Armstrong Cork Co, Navemar, San Feliu de Guixols
REFUSE—2,239 bls, Armstrong Cork Co, Estrella, Lisbon
WASTE—1,416 bls, Armstrong Cork Co, Estrella, Lisbon
WOOD— 08 bls, Armstrong Cork Co, Estrella, Seville
CORNWALL STONE, CRUDE—150 tons, 3 cwts, Paper Makers Importing Co, Lovland, Fowey
EMERY, ARTIFICIAL—2 cks, Precision Grinding Wheel Co, Estrella, Marseilles
FLUORSPAR—508,000 kilos, General Chemical Co, Isis, Bremen
457,200 kilos, Wm H Muller & Co, Navemar, San Feliu de Guixols
FULLER'S EARTH—100 bgs, L A Salomon & Bro, Waukegan, London
GASOLINE SAMPLES—1 cs, 1 dm, Atlantic Refining Co, Estrella, Lisbon
GLASS, WINDOW—616 cs, Waukegan, Hamburg
GLUE—100 bgs, N L Lederer, Isis, Hamburg
GLYCERIN, CRUDE—40 dms, Waukegan, Hull
HEMATINE PIG IRON—1,000 tons, Waukegan, Middlesborough
MENTHOL—50 cs, Vick Chemical Co, Hoegh Merchant, Kobe
METAL POLISH, LIQ—45 cs, R T French Co, Waukegan, Hull
MOULDING PLASTER—224 bgs, Isis, Bremen
MUSTARD SEED—250 bgs, Waukegan, London
MYROBALANS—10,000 pockets, Clydebank, Calcutta
NAPHTHALENE—2,267 bgs, Barrett Co, Waukegan, Middlesborough
1,360 bgs, Barrett Co, Montreal City, Bristol
OIL, COCONUT, CRUDE—550 tons, Philippine Refining Co, Javanese Prince, Manila
COD—100 dms, Isis, Hamburg
100 cks, Isis, Bremen
CODLIVER—100 dms, Allen Forwarding Co, Isis, Hamburg
95 dms, Dichman, Wright & Pugh, Inc, Isis, Hamburg
57 dms, Isis, Bremen
OLIVE—100 cs, Marin Sanudo, Genoa
350 cs, Marin Sanudo, Leghorn
264 dms, H J Heinz Co, Estrella, Seville
250 cs, Navemar, Leghorn
100 cs, Navemar, Genoa
PALM—32 cks, Balfour, Guthrie & Co, Isis, Hamburg
RAPESEED, REF'D—50 dms, W R Grace & Co, Hoegh Merchant, Nagoya
TEASEED—75 dms, Balfour Guthrie & Co, Hoegh Merchant, Shanghai
PEATMOSS—875 bls, Isis, Bremen
1,200 bls, Waukegan, Hamburg
PETROLEUM, CRUDE—91,236 bbls, Atlantic Refining Co, Permian, Las Piedras
90,998 bbls, Gulf Oil Corp, Gulfwax, Las Piedras
POTASH, SULPHATE—1,000 bgs, N V Potash Export My, Isis, Hamburg
QUEBRACHO EXTRACT—8,689 bgs, Tannin Corp, Thode Fagelund, Santa Fe
WOOD—13,360 pcs, Tannin Corp, Thode Fagelund, Santa Fe
RAPESEED—624 bgs, S L Jones & Co, Hoegh Merchant, Kobe
RED OXIDE—400 bbls, F B Vandegrift & Co, Navemar, Malaga
SEAWEED—60 bgs, Brown Bros Harriman & Co, Waukegan, Hamburg
SHELLAC—100 bgs, Matheran, Calcutta
GARNET LAC—300 bgs, Matheran, Calcutta
SODA, NITRATE—25,584 bgs, Chilean Nitrate Sales Corp, Paula, Tocopilla
272,200 kilos, Chilean Nitrate Sales Corp, Paula, Tocopilla
SILICOFLUORIDE—400 bgs, Harshaw Chemical Co, Isis, Hamburg
STEARIN—2 dms, R T French, Waukegan, Hull
SUGAR BEET PULP, DRIED—2,240 bgs, Waukegan, Hull
TALC—80 bgs, East Asiatic Co, Hoegh Merchant, Shanghai
TAPIOCA FLOUR—1,511 bgs, Phila Nat'l Bank, Javanese Prince
WITHERITE—75 tons, Waukegan, Middlesborough

Portland, Ore., Imports

GLASS, WINDOW—12 cs, Benjamin Franklin, Antwerp
479 cs, U S Natl Bank of Portland, Benjamin Franklin, Antwerp
ISINGLASS—5 bls, Mitsui & Co, Cuba, Yokohama
LINSEED MEAL—3,000 sks, Mitsubishi Trading Co, Cuba, Kobe
1,000 sks, Balfour, Guthrie & Co, Cuba, Kobe
1,000 sks, Wilbur-Ellis Co, Cuba, Kobe
MUSTARD—13 cs, Atlantic Sales Co, Loch Katrine, London
OIL, CODLIVER—25 dms, Sunset Feed Mills, Benjamin Franklin, Oslo
25 dms, Scott-Politszch Feed Mills, Benjamin Franklin, Oslo
10 dms, Mutual Wholesale Drug Co, Benjamin Franklin, Oslo
75 dms, Kinney Shipping Co, Benjamin Franklin, Oslo
10 dms, Sunny Jim Thrift Stores, Benjamin Franklin, Oslo
EUCALYPTUS—50 cs, Blumer Frank Drug Co, Mariposa, Melbourne (transshipped)
LUBRICATING—10 dms, Schwaben, Antwerp
QUASSIA CHIPS—200 sks, Loch Katrine, Kingston
SHEEP DIP, POW'D—30 cs, William Cooper & Nephews, Loch Katrine, London
SODA CHLORATE, POW'D—1,000 dms, Chemnyco, Inc, Schwaben, Hamburg
TANKAGE, RENDERED, DRY—1,000 sks, W J Horstmann, West Camargo, Buenos Aires
WATER, MINERAL — 62 cs, Loch Katrine, London

San Francisco Imports

AGAR AGAR—5 bls, Anglo-California Nat Bank, Koryu, Kobe
5 bls, Mailliard & Schmeidell, Asama, Kobe
5 bls, Anglo-California Nat Bank, President Cleveland, Kobe
ALBUMEN, EGG, HEN—23 cs, David L Moss & Co, Asama, Shanghai
ALCOHOL—100 dms, 1 cs, S L Jones & Co, Silverpalm
ALKALI—2 cs, Sang Co, President Cleveland, Hongkong
AMMONIA PHOSPHATE—1,000 sks, Balfour, Guthrie & Co, Rosebank, Vancouver
SULPHATE—3,700 sks, Balfour, Guthrie & Co, Rochelle, Vancouver (for Oakland)
CALCIUM ARSENATE — 400 dms, International Trading Co, Koryu, Yokohama
600 dms, International Trading Co, Keisho, Yokohama
CASSIA—100 bls, McCormick & Co, Asama, Hongkong
25 bls, H M Newhall & Co, President Cleveland, Hongkong
CELERY SEED—10 sks, President Cleveland, Marseilles
CHEMICALS—1 csk, Wilson & George Meyer & Co, Delftdijk, Rotterdam
CHILLIES—25 sks, Pacific Trading Co, Oregon, Kobe
CLOVES—116 sks, Fred Catz & Co, Silverpalm, Amboina
35 sks, Anglo-California Nat Bank, Pleasantville, Amboina
COCONUT, DESIC—1,448 cs, Durkee Famous Foods, Silverpalm, Manila
624 cs, Cooperative Coconut Products, Silverpalm, Manila
990 cs, Wood & Selick, Pleasantville, Manila
2,350 cs, Wood & Selick, President Cleveland, Manila
2,360 cs, Durkee Famous Foods, President Cleveland, Manila
5,620 cs, Franklin Baker Co, President Cleveland, Manila
COLORS, DRY—2 kegs, Marshall Dill, Koryu, Kobe
COPRA—1,404 tons, Durkee Famous Foods, Texas, Cebu
600 tons, Durkee Famous Foods, Texas, Mauban
419 tons, Durkee Famous Foods, Texas, Port Real
200 tons, Durkee Famous Foods, Pleasantville, Cebu
MEAL—379 sks, Adolph Schumann, Silverpalm, Manila
11,200 sks, Taylor Milling Corp, Pleasantville, Manila
DEGRAS—12 cks, Gregalia, Liverpool
DRUGS—5 cs, Ti Hang Lung & Co, President Cleveland, Hongkong
EGG YOLK, HEN, DRIED—11 cs, Bashaw Co, Asama, Tientsin
32 pkgs, Public Nat Bank & Trust Co, Asama, Shanghai
56 cs, American Cyanamid & Chemical Corp, Asama, Tientsin
112 cs, Henningsen Bros, Asama, Tientsin
112 cs, David L Moss & Co, Asama, Tientsin
20 cs, California Poultry Co, President Cleveland, Shanghai
FATTY ACID, BLOCK—200 sks, Otis, McAllister & Co, Koryu, Yokohama
640 sks, Mitsubishi Shoji Kaisha, Keisho, Yokohama
FLAKE—500 sks, Mitsubishi Shoji Kaisha, Koryu, Yokohama
300 sks, Otis, McAllister & Co, Koryu, Yokohama
FERTILIZER—10 sks, Gregalia, Glasgow
1,440 sks, International Trading Co, Koryu, Yokohama
600 sks, Sun Trading Co, Keisho, Kobe
FLINT PEBBLES—100 sks, East Asiatic Co, Europa, Copenhagen
300 sks, Europa, Copenhagen
GAMBIER—340 cs, Bank of California, N A, Pleasantville, Asahan
GINGER ROOT—78 pkgs, President Cleveland, Hongkong
GLASS, WINDOW—150 cs, Mitsubishi Shoji Kaisha, Asama, Kobe
GUM COPAL—125 bskts, Bank of California, N A, Silverpalm, Macassar (for Oakland)
50 sks, Henry W Peabody & Co, Silverpalm, Singapore
62 sks, Henry W Peabody & Co, Silverpalm, Macassar
50 sks, Henry W Peabody & Co, Pleasantville, Singapore
100 cs, D Hecht & Co, Silverpalm, Batavia
52 cs, Hongkong & Shanghai Banking Corp, Silverpalm, Macassar
70 sks, Pleasantville, Singapore (for Oakland)
HERBS, DRIED—5 sks, Fung Chong, President Cleveland, Hongkong
2 pkgs, Sze Lee Wo & Co, President Cleveland, Hongkong
3 bdls, Sang Wo, President Cleveland, Hongkong

HOPS—30 bls, H B Thomas & Co, Europa, Hamburg
INK—2 cs, Chinese American Trading Co, President Cleveland, Hongkong
10 cs, Fat Ming Co, President Cleveland, Hongkong
IRON ORE, GROUND—20 dms, Richard Coulston, Gregalia, Liverpool
ISINGLASS—6 bls, Pacific Trading Co, Oregon, Kobe
19 bls, S Ishimitsu Co, Koryu, Kobe
8 cs, 3 sks, M Hatae Co, Koryu, Yokohama
4 cs, 3 sks, M Hatae Co, Keisho, Yokohama
KELP, POWD—10 cs, Hokkaido Trading Co, Asama, Yokohama
LARD, VEGETABLE—30 bbls, 2,500 cs, 2,000 tins, David B Berelson, President Cleveland, Manila
1,000 tins, 1,000 cs, M S Cowen Co, President Cleveland, Manila
1,500 cs, American Trust Co, President Cleveland, Manila
LINSEED MEAL—1,000 sks, Mitsubishi Trading Co, Keisho, Kobe
LYE WATER—2 cs, Sze Lee Wo & Co, President Cleveland, Hongkong
MACE—15 cs, Silverpalm, Padang
14 cs, Fred Catz & Co, Silverpalm, Macassar
20 cs, H M Newhall & Co, President Cleveland, Hongkong
MARGARIN—500 cs, David B Berelson, President Cleveland, Manila
MATCHES, SAFETY—30 cs, Fung Chong, President Cleveland, Hongkong
50 cs, Columbia Co, President Cleveland, Hongkong
MEDICINAL PREPS—7 cs, Hatae Trading Co, Asama, Yokohama
1 cs, Fung Chong, President Cleveland, Hongkong
43 pkgs, Oy Wo Tong, President Cleveland, Hongkong
3 cs, Columbia Co, President Cleveland, Hongkong
4 cs, Sze Lee Wo & Co, President Cleveland, Hongkong
3 cs, Shun On, President Cleveland, Hongkong
69 pkgs, Tai Fung Wo Co, President Cleveland, Hongkong
45 pkgs, Chong Sing Co, President Cleveland, Hongkong
50 pkgs, Fong Poy, President Cleveland, Hongkong
MENTHOL—100 cs, Brown & Williamson Tobacco Co, Asama, Kobe
OIL, ANISE—3 dms, Ungerer & Co, Asama, Hongkong
3 dms, Dodge & Olcott Co, Asama, Hongkong
COCONUT—50 dms, Mitsubishi-Shoji-Kaisha, Keisho, Yokohama
COTTONSEED—200 dms, Durkee Famous Foods, Koryu, Kobe
390 dms, Pacific Vegetable Oil Corpn, Koryu, Kobe
250 dms, Durkee Famous Foods, Keisho, Kobe
170 dms, Bank of California, N A, Keisho, Kobe
COTTONSEED SEMI-REFD — 200 dms, Pacific Vegetable Oil Corpn, Koryu, Kobe
145 tons, Mitsubishi Trading Co, Koryu, Kobe
FISH HARD—90 sks, Willits & Co, Oregon, Yokohama
HAIR—1 cs, Oy Wo Tong, President Cleveland, Hongkong
KAPOKSEED—100 dms, Pacific Vegetable Oil Corpn, Koryu, Kobe
100 dms, Pacific Vegetable Oil Corpn, Keisho, Kobe
KAPOKSEED SEMI-REFD—100 dms, Durkee Famous Foods, Keisho, Kobe
OLIVE—40 dms, A Giurlani & Bros, President Polk, Genoa
PEANUT—100 cs, Fung Chong, President Cleveland, Hongkong
30 cs, Columbia Co, President Cleveland, Hongkong
40 cs, Sze Lee Wo & Co, President Cleveland, Hongkong
55 cs, Sang Wo, President Cleveland, Hongkong
10 cs, Quong Lee & Co, President Cleveland, Hongkong
15 cs, Chinese American Trading Co, President Cleveland, Hongkong
50 cs, Woo Kee Co, President Cleveland, Hongkong
PERILLA—850 dms, Pacific Vegetable Oil Corpn, Koryu, Kobe
200 dms, S L Jones & Co, Koryu, Kobe
200 dms, S L Jones & Co, Keisho, Kobe
250 dms, Pacific Vegetable Oil Corpn, Keisho, Kobe
144 tons, Mitsubishi Trading Co, Asama, Kobe
RAPESEED, REFD—100 dms, Durkee Famous Foods, Koryu, Kobe
100 dms, Mitsui & Co, Koryu, Kobe
10 dms, S L Jones & Co, Koryu, Yokohama
OIL, SESAME—5 cs, Columbia Co, President Cleveland, Hongkong
10 cs, Ti Hang Lung & Co, President Cleveland, Hongkong
7 cs, Shun, President Cleveland, Hongkong
ORANGE PEEL—5 sks, Fung Chong, President Cleveland, Hongkong
1 bg, Chinese American Trading Co, President Cleveland, Hongkong
1 bg, Chew Chong Tai, President Cleveland, Hongkong
PASTE—2 bbls, Dewey & Almy Chemical Co, Rosebank, Vancouver
PEATMOSS—20 bls, Gregalia, Glasgow
PEPPER, BLACK—650 sks, Silverpalm, Oosthaven
WHITE—131 sks, N V Java-Sumatra Handel, My, Pleasantville, Batavia
PIMENTOS—100 sks, Barclays Bank, Europa, Kingston
RAPESEED MEAL—500 sks, International Trading Co, Keisho, Yokohama
SAGO, PEARL—75 pkgs, H M Newhall & Co, President Cleveland, Hongkong
SARDINE MEAL—1,000 sks, M W Park & Co, Keisho, Yokohama
1,000 sks, Otto Sales Co, Keisho, Yokohama
SESAME SEED—1,277 sks, Tatsuta, Shanghai
SODA CYANIDE—160 dms, American Cyanamid & Chemical Corpn, Delftdijk, Rotterdam
NITRATE—250 tons, Chilean Nitrate Sales Corpn, Condor, Tocopilla (for Oakland)
STARCH—20 cs, Fung Chong, President Cleveland, Hongkong
56 cs, Columbia Co, President Cleveland, Hongkong
5 cs, Chong Sing Co, President Cleveland, Hongkong
SULPHUR FLOWERS, SUBLIMED—500 sks, International Trading Co, Koryu, Yokohama
500 sks, International Trading Co, Keisho, Yokohama
LUMP—20 sks, International Trading Co, Koryu, Yokohama
POWD—20 sks, International Trading Co, Koryu, Yokohama
SUPERPHOSPHATE — 800 sks, Mitsubishi-Shoji-Kaisha, Koryu, Kobe
TALC—50 sks, H M Newhall & Co, Koryu, Kobe
TAPIOCA FLOUR—514 sks, Silverpalm, Batavia
298 sks, Silverpalm, Cheribon
PEARL—55 sks, H M Newhall & Co, Silverpalm, Batavia
SEEDS—104 sks, H M Newhall & Co, Silverpalm, Cheribon
302 sks, Hoyt, Shepston & Sciaroni, Silverpalm, Sourabaya
52 sks, H M Newhall & Co, President Cleveland, Batavia
TOILET PREPS—5 cs, Kintaido Drug Co, Koryu, Yokohama
TONIC—3 cs, Mitsui & Co, Asama, Yokohama
WATER, MINERAL—60 cs, Tonkin Distributing Co, Delftdijk, London
WAX, VEGETABLE—10 cs, E S Swann & Co, Keisho, Kobe
WHITING—239 csks, East Asiatic Co, Europa, Copenhagen

Savannah Imports

PETROLEUM, CRUDE—9,357 tons, L J Drake, Las Piedras

Seattle Imports

COCOA BEANS—200 sks, Washington Chocolate Co, West Camargo, Para
CORKFLOATS—140 bls, Rialto, Barcelona
CORKS—57 sks, Mundet Cork Corpn, Loch Katrine, Rotterdam
GINGER ROOT—20 sks, Barclays Bank, Loch Katrine, Kingston
MUSTARD—15 cs, Atlantis Sales Corpn, Loch Katrine, London
OIL, CODLIVER—3 dms, P F Soto Shipping Co, Benjamin Franklin, Oslo
75 dms, Girdwood Shipping Co, Benjamin Franklin, Oslo
OLIVE—25 dms, Rialto, Malaga
POTASH, MURIATE—250 sks, First National Bank of Boston, Benjamin Franklin, Antwerp
SODA CHLORATE POWD—500 dms, Chemnyco, Inc, Schwaben, Hamburg
TANKAGE—1,465 sks, Washington Cooperative Egg & Poultry Ass'n, West Camargo, Buenos Aires
RENDERED, DRY—1,000 sks, West Camargo, Buenos Aires

Tampa Imports

CASTOR MEAL—7,805 bgs, Yselhaven, Rotterdam
COCONUTS—9,750, Angrer, Bonacca
COCONUT MEAL—552 bgs, Yselhaven, Rotterdam
OIL, OLIVE—100 cs, Spinero, Barcelona

Recent Exports from U. S. Ports

New York Exports

ACETONE—1,500 gls, Rigel, Liverpool
ACID, ACETIC—1,500 lbs, Veragua, Havana
BUTYRIC—1,599 lbs, Black Eagle, Rotterdam; 1,066 lbs, Black Heron, Rotterdam
CHROMIC—8,160 lbs, Rigel, London; 6,024 lbs, Tokai, Kobe
MURIATIC—18,000 lbs, San Jacinto, Humacao; 3,856 lbs, Ulua, Porto Colombia
OXALIC, CRYST — 3,243 lbs, Ulua, Porto Colombia
TANNIC—4,410 lbs, Rigel, London
ALCOHOL, ISOPROPYL—500 gls, Black Hawk, Antwerp; 2,750 gls, Algic, Buenos Aires
AMMONIA, PHOSPHATE—67,650 lbs, Markland, Nova Scotia
SULPHATE — 202,500 lbs, San Jacinto, Guanica
ASPHALT—369,561 lbs, Ulua, Kingston; 40,020 lbs, Black Eagle, Rotterdam; (Noto) 277,025 lbs, Kobe; 364,773 lbs, Yokohama; 7,606 lbs, Argosy, Copenhagen; 99,887 lbs, Haiti, Kingston; 298,810 lbs, Clan Skene, Durban
LIQUID—56,855 lbs, Black Eagle, Rotterdam; 73,538 lbs, Edam, Rotterdam; 50,631 lbs, Black Heron, Rotterdam
SOLID—10,564 lbs, Veragua, Havana
BARBASU MEAL—112,312 lbs, New York, Kristiansand; 339,360 lbs, Black Hawk, Antwerp; 226,240 lbs, Black Eagle, Rotterdam; 227,360 lbs, Black Heron, Rotterdam
BENZOL—5,940 gls, Cypria, Lisbon; 165 gls, Algic, Buenos Aires
BLACK, BONE—11,030 lbs, Rigel, London
BLOOD, DRIED—(Argosy) 44,200 lbs, Kotka; 22,100 lbs, Wiborg
BLUE, ALKALI BASE—2,232 lbs, Britannic, London
ULTRAMARINE—6,026 lbs, Panuco, Progresso; 1,196 lbs, Noto, Kobe
VITRIOL—59,000 lbs, Algic, Buenos Aires
CALCIUM CHLORIDE—4,248 lbs, Anniston City, Honolulu
MOLYBDATE—27,391 lbs, Rex, Genoa
CEMENT HIGH TEMP—33,920 lbs, Algic, Rio Janeiro
CHEMICALS—2,670 lbs, Scanpenn, Stockholm
CLAY—4,488 lbs, Britannic, London
COALTAR INTERMEDIATES—5,655 lbs, Britannic, London
COLOR, DRY—8,857 lbs, Hellen, Buenos Aires; 579 lbs, Westernland, Antwerp
CORN FLOUR—(Veragua) 7,075 lbs, Havana; 887 lbs, Corinto
SUGAR—2,538 lbs, Edam, Rotterdam-Amsterdam
SYRUP—(Harmonides) 45,510 lbs, Port Natal; 23,250 lbs, Lourenco Marques; 6,047 lbs, Platano, Porto Barrios; 11,480 lbs, Ulua, Porto Colombia
DEXTRIN, CORN—28,400 lbs, Algic, Buenos Aires
LIQUID—1,118 lbs, Platano, Santiago
DISINFECTANT—(Ulua) 5,200 lbs, Cartegena; 10,400 lbs, Porto Colombia
DYES—34,275 lbs, Black Hawk, Antwerp; 8,120 lbs, City of Hankow, Calcutta; 3,775 lbs, Argosy, Gothenburg; 1,913 lbs, Veragua, Mazatlan; 31,194 lbs, Noto, Kobe; (Hellen) 3,766 lbs, Santos; 3,561 lbs, Buenos Aires; 8,667 lbs, Westernland, Brussels; 23,551 lbs, Pennland, Antwerp
ANILINE—3,511 lbs, Emile Francqui, Antwerp
FIRECLAY—15,381 lbs, Bremen, Bremen
GASOLINE—(Dea) 14,490 gls, Hamilton; 67,848 gls, St Georges; 2,600 gls, Tachira, La Guayra; (Alhambia) 16,500 gls, St Pierre; 8,250 gls, Grand Banks; 5,500 gls, Marystown
GLASS, WINDOW—26,726 lbs, Platano, Santiago
GLUCOSE, POW'D—(City of Hankow) 1,502 lbs, Bombay; 1,500 lbs, Madras
GLUE, SHEET—1,153 lbs, Veragua, Havana
GLYCERIN—1,190 lbs, Haiti, Porto Colombia
GRAPHITE—5,953 lbs, Tokai, Osaka
GREASE, ANIMAL—1,107,376 lbs, Oriskany, Santiago; 45,050 lbs, Black Hawk, Antwerp; 89,450 lbs, Black Heron, Rotterdam
LUBRICATING—1,459 lbs, Platano, Porto Barrios; 4,635 lbs, Franconia, Liverpool; (Quaker City) 33,762 lbs, Manchester; 29,486 lbs, Dublin; (Harmonides) 47,215 lbs, Port Natal; 25,220 lbs, Lourenco Marques; (Rigel) 178,215 lbs, Rigel, London; 22,810 lbs, Exermont, Marseilles; (Cypria) 2,175 lbs, Lisbon; 4,208 lbs, Valencia; 8,811 lbs, Haiphong; 8,811 lbs, Haiphong;
GREASE, LUBRICATED (Continued):—
61,562 lbs, Britannic, London; 4,154 lbs, Tuscania, Glasgow, 44,255 lbs, Scanpenn, Helsingfors; (Ulua) 5,700 lbs, Cartagena; 2,248 lbs, Porto Colombia; 94,000 lbs, Noto, Yokohama; (Tokai) 7,699 lbs, Yokohama; 9,780 lbs, Osaka; 10,962 lbs, Hellen, Santos; (Clan Skene) 7,150 lbs, Durban; 5,000 lbs, Beira; 2,318 lbs, Westernland, Antwerp; 15,735 lbs, Pennland, Antwerp
INSECTICIDE—7,000 lbs, Quaker City, Manchester; 7,000 lbs, Britannic, London; 14,700 lbs, City of Hankow, Bombay
AGRICULTURAL—2,727 lbs, Hoegh Transporter, Durazzo
HOUSEHOLD—2,353 lbs, Edam, Rotterdam
INSULIN—379 lbs, Rex, Genoa
IRON OXIDE—6,175 lbs, Scanpenn, Gothenburg
KEROSENE—1,000 gls, Haiti, Port Paix; 1,100 gls, Tachira, Maracaibo; (Alhambia) 3,300 gls, Grand Banks; 2,750 gls, Marystown
LARD—7,875 lbs, Platano, Manzanillo; 146,950 lbs, Franconia, Liverpool; 50,400 lbs, Black Hawk, Antwerp; 30,750 lbs, New York, Hamburg; 11,500 lbs, Oriskany, Santiago; 88,363 lbs, Quaker City, Manchester; 19,000 lbs, San Jacinto; 10,050 lbs, Tuscania, Glasgow; 26,843 lbs, Argosy, Copenhagen; 12,012 lbs, Polarland, San Pedro; 17,775 lbs, Borinquen, San Juan; 8,026 lbs, Haiti, Porto Colombia; 26,954 lbs, Edam, Rotterdam; (Walter D Munson) 16,125 lbs, San Juan; 8,050 lbs, Ponce; 13,507 lbs, Pennland, Antwerp
LEAD, BLUE, SUBLIMED—4,743 lbs, Britannic, London
WHITE—58,966 lbs, Black Eagle, Amsterdam
LICORICE MASS—1,618 lbs, Algic, Rio Janeiro
LINSEED CAKE—2,286,168 lbs, Black Hawk, Antwerp; 1,019,256 lbs, Franconia, Liverpool; 1,578,336 lbs, Blommersdijk, Rotterdam-Amsterdam; 2,931,594 lbs, Emile Francqui, Antwerp
MILK POWDER—20,006 lbs, Walter D Munson, San Juan
MOLYBDENUM CONCE—84,450 lbs, Black Hawk, Antwerp
OIL, CAMPHOR—987 lbs, Noto, Yokohama
CASTOR—513 lbs, Gripsholm, Gothenburg; 1,111 lbs, Walter D Munson, Ponce
COCONUT—7,128 lbs, Polarland, Porto Plata
CORN—(San Jacinto) 19,053 lbs, San Juan; 1,064 lbs, Mayaguez; 940 lbs, Arecibo; (Carabobo) 3,210 lbs, Maracaibo; 5,104 lbs, Curacao; (Harmonides) 1,202 lbs, Capetown; 510 lbs, East London; 1,502 lbs, Tachira, Curacao
COTTONSEED WASTE—10,039 lbs, Artigas, London
EDIBLE—1,231 lbs, Platano, Port Barrios
ESSENTIAL—416 lbs, Brittanic, London
FISH—5,291 lbs, Rex, Genoa
FUEL—86,856 gls, Clan Skene, Capetown or option
LINSEED—29,760 lbs, Black Eagle, Rotterdam; 4,325 lbs, San Jacinto, San Juan
LUBRICATING—2,365 gls, Platano, Porto Barrios; 12,600 gls, Franconia, Liverpool; 8,419 gls, Black Hawk, Antwerp; 29,400 gls, New York, Hamburg; 3,500 gls, Black Eagle, Rotterdam; (Quaker City) 3,485 gls, Manchester; 20,580 gls, Liverpool; 1,650 gls, San Jacinto, Porto Plata; 2,640 gls, Ulua, Porto Colombia; 10,340 gls, Harmonides, Lourenco Marques; 5,500 gls, Rigel, London; 3,025 gls, Dea, St Georges; (Exermont) 5,500 gls, Genoa; 719 tons, Vado; 4,095 gls, Marseilles; (City of Hankow) 63,555 gls, Bombay; 13,565 gls, Calcutta; 5,610 gls, Karachi; 1,470 gls, Madras; 50,995 gls, Rangoon; (Cypria) 9,442 gls, Lisbon; 3,300 gls, Valencia; 2,730 gls, Philippeville; 6,325 gls, Saigon; 2,520 gls, Bone; 1,554 gls, Algiers; 4,200 gls, Oran; 23,613 gls, Brittanic, London; (Exochorda) 10,725 gls, Alexandria; 36,762 gls, Marseilles; 1,680 gls, Tuscania, Glasgow; (Gripsholm) 4,400 gls, Gothenburg; 7,315 gls, Stockholm; 1,375 gls, Oslo; 2,310 gls, Gothenburg; (Scanpenn) 2,940 gls, Prague; 15,792 gls, Stockholm; 13,045 gls, Helsingfors; 6,972 gls, Argosy, Gothenburg; (Hoegh Transporter) 14,490 gls, Genoa; 4,956 gls, Naples; 2,520 gls, Fiume; 890 tons, Fiume; (Ulua) 1,905 gls, Kingston; 3,250 gls, Panama; 2,750 gls, Borinquen, Trujillo; 2,230 gls, Fort Townshend, Halifax; (Nordhavet) 6,218 gls, Lisbon; 3,300 gls, Malaga; 5,040 gls, Emile Francqui, Antwerp; (Tokai) 6,875 gls, Yokohama; 2,750 gls, Osaka; 9,350 gls, Algic, Santos; (Hellen) 3,970 gls, Rio de Janeiro; 8,910 gls, Santos; 1,325 gls, Haiti, Porto Colombia; (Clan Skene) 1,420 gls, Port Natal; 5,125 gls, Durban; 22,000 gls, Lourenco Marques; 2,200 gls, Beira; 21,000 gls, Bremen, Hamburg; 3,575 gls, Edam, Amsterdam; (Tachira) 3,300 gls, La Rosa; 2,810 gls, Maracaibo; (Westernland) 15,624 gls, Antwerp; 1,375 gls, Berne; (Armadale) 23,650 gls, Brisbane; 37,780 gls, Melbourne; 43,170 gls, Sydney; 43,015 gls, Newcastle; 14,300 gls, Adelaide; 6,645 gls, Pennland, Antwerp
MOTOR—3,575 gls, Armadale, Sydney
OLEO—34,920 lbs, New York, Hamburg; 11,804 lbs, Black Eagle, Rotterdam; 330,115 lbs, Rigel, London; 48,319 lbs, Britannic, London; 42,255 lbs, Tuscania, Glasgow; (Gripsholm) 44,969 lbs, Helsingborg; 32,866 lbs, Gothenburg; 71,247 lbs, Argosy, Gothenburg; 4,628 lbs, Emile Francqui, Antwerp; 23,340 lbs, Black Heron, Rotterdam; 4,692 lbs, Pennland, Antwerp
SALAD—5,700 lbs, Borinquen, San Juan
TRANSFORMER—10,560 gls, Hellen, Rio Janeiro
TUNG—6,120 lbs, Hellen, Santos
PAINT—(San Jacinto) 6,161 lbs, San Juan; 8,171 lbs, Ponce; 22,130 lbs, Exermont, Naples; 5,096 lbs, Scanpenn, Stockholm; 27,600 lbs, Argosy, Stockholm; 8,567 lbs, Ulua, Porto Colombia; 3,964 lbs, Emile Francqui, Antwerp; (Algic) 1,062 lbs, Santos; 2,415 lbs, Buenos Aires; 2,405 lbs, Hellen, Rio Janeiro; 5,586 lbs, Black Heron, Rotterdam; 77,002 lbs, Pennland, Antwerp
ENAMEL—15,418 lbs, Hellen, Santos
PREPARED—2,306 lbs, Black Hawk, Antwerp; 4,292 lbs, Ulua, Porto Armuelles
THINNER—770 gls, Exochorda, Jaffa
PALM MEAL—227,360 lbs, Black Heron, Rotterdam
PARAFFIN—20,201 lbs, Platano, Retalhen; (New York) 151,514 lbs, Hamburg; 22,680 lbs, Susak; (Quaker City) 26,126 lbs, Manchester; 11,345 lbs, Dublin; 28,336 lbs, Ulua, Cartagena; 36,310 lbs, Rigel, London; 64,660 lbs, Veragua, Limon; 295,610 lbs, Nordhavet, Genoa; 226,698 lbs, Algic, Buenos Aires; (Haiti) 22,244 lbs, Cristobal; 11,098 lbs, Cartagena; 8,108 lbs, M C Holm, Port of Spain; 111,222 lbs, Westernland, Antwerp
REFINED—11,180 lbs, Cypria, Leixoes; 18,833 lbs, Argosy, Copenhagen; 889,776 lbs, Hoegh Transporter, Venice
SCALE—61,295 lbs, Quaker City, Manchester
PETROLEUM, REF'D—(San Jacinto) 30,000 gls, San Juan; 5,000 gls, Ponce; 5,000 gls, Aguadilla; (Carabobo) 3,645 gls, La Guayra; 1,000 gls, Porto Cabello; (Dea) 5,000 gls, Hamilton; 5,000 gls, St Georges; 15,000 gls, Polarland, La Romana; (Tachira) 1,000 gls, Aruba; 1,500 gls, Curacao
PINETAR—1,390 lbs, Oriskany, Santiago
POTASH, CHLORIDE—1,020 lbs, Platano, Porto Barrios
RESIN, SYNTH—18,005 lbs, Franconia, Liverpool
ROSIN—5,387 lbs, Brittanic, London; 97,569 lbs, Canadian Conqueror, Montreal
SOAP—8,000 lbs, Anniston City, Hilo; (San Jacinto) 6,785 lbs, San Juan; 13,725 lbs, Ponce; 8,400 lbs, Mayaguez; 7,893 lbs, Polarland, Porto Plata; (Walter D Munson) 8,400 lbs, Ponce; 60,000 lbs, Mayaguez; 7,950 lbs, Aguadilla
LAUNDRY—(San Jacinto) 5,750 lbs, San Juan; 22,980 lbs, Mayaguez
SOAPSTOCK—15,147 lbs, Pennland, Antwerp
SODA ASH—6,520 lbs, Platano, Porto Barrios; (Anniston City) 42,512 lbs, Honolulu; 46,050 lbs, Nawiliwili; 1,630 lbs, Ulua, Santa Marta; 32,600 lbs, Veragua, Havana; 202,404 lbs, Haiti; Cartegena; 45,000 lbs, Armadale, Sydney
BICARBONATE—18,450 lbs, Ulua, Cartegena; 66,104 lbs, Panuco, Progresso
BICHROMATE—30,559 lbs, Algic, Buenos Aires
BROMIDE—23,250 lbs, Kim, Leningrad
CAUSTIC—7,200 lbs, Ulua, Santa Marta; 5,900 lbs, Ulua, Porto Colombia; 11,950 lbs, Veragua, Callao; 10,777 lbs, Borinquen, Trujillo; (Algic) 25,200 lbs, Rio de Janeiro; 79,200 lbs, Montevideo; 575,000 lbs, Buenos Aires; 91,022 lbs, Armadale, Sydney
CHLORATE—4,248 lbs, Anniston City, Honolulu
CYANIDE—1,560 lbs, Ulua, La Union
HYPOSULPHITE—15,120 lbs, Tokai, Yokohama
SILICATE—11,030 lbs, San Jacinto, San Juan; 16,462 lbs, Ulua, Panama; 7,018 lbs, Borinquen, Trujillo
SULPHATE — 2,260 lbs, Borinquen, San Juan; 9,425 lbs, Haiti, Porto Colombia
SILICON CARBIDE—88,772 lbs, Hoegh Transporter, Genoa
SOLVENTS, INDUSTRIAL—2,892 lbs, Noto, Yokohama
STARCH, CORN—(Platano) 4,000 lbs, Santiago; 203 lbs, Porto Barrios; 5,511 lbs, Franconia, Liverpool; (Northavet) 1,950 lbs, Genoa; 10,290 lbs, Malaga; 2,170 lbs, Walter D Munson, Ponce; 141,374 lbs, Pennland, Antwerp
STEARIN, OLEO—36,199 lbs, Tuscania, Glasgow
PITCH—67,189 lbs, Edam, Rotterdam
SULPHUR DIOXIDE—1,639 lbs, Black Hawk, Antwerp; 6,855 lbs, Noto, Yokohama
TALC — 60,000 lbs, Franconia, Liverpool; (Quaker City) 4,480 lbs, Dublin; 22,400 lbs, Cork
TALLOW—11,140 lbs, Borinquen, Trujillo
TANNING EXTRACT—10,810 lbs, Harmonides, Port Elizabeth; 3,074 lbs, Westernland, Switzerland
LIQUID—41,279 lbs, Franconia, Liverpool
TURPENTINE—(Algic) 1,000 gls, Rio Janeiro; 6,300 gls, Montevideo; 1,500 gls, Buenos Aires; 1,000 gls, Rosario; 10,000 gls, Clan Skene, Durban; 2,000 gls, Armadale, Melbourne
VARNISH—1,496 lbs, Edam, Amsterdam
WITCH HAZEL EXTRACT—979 lbs, Franconia, Liverpool; 2,443 lbs, Emile Francqui, Antwerp

Clearance Dates

Algic, May 15; Alhambra, May 8; Anniston City, May 27; Argosy, May 22; Artigas, June 3; Black Eagle, May 14; Black Hawk, May 25; Black Heron, June 2; Blommersdijk, May 28; Borinquen, May 28; Bremen, May 28; Britannic, May 29; Carabobo, May 13; City of Hankow, May 27; Clan Skene, May 1; Cypria, May 25; Dea, May 23; Edam, May 29; Emile Francqui, May 29; Exermont, May 28; Exochorda, May 26; Fort Townshend, May 28; Franconia, May 29; Gripsholm, May 28; Haiti, May 27; Harmonides, May 25; Hellen, June 6; Hoegh Transporter, May 27; Kim, May 20; M C Holm, May 15; Markland, June 2; New York, May 27; Nordhavet, May 29; Noto, May 28; Oriskany, May 28; Panuco, May 20; Pennland, May 29; Platano, May 22; Polarland, May 29; Quaker City, May 29; Rex, May 28; Rigel, May 27; San Jacinto, May 22; Scanpenn, May 29; Tachira, May 20; Tokai, May 28; Tuscania, May 28; Ulua, May 9, 29; Vaclite, June 5; Veragua, May 28; Walter D Munson, May 28; Westernland, May 16

Baltimore Exports

ALCOHOL, BUTYL—10,080 lbs, Peter Maersk, Kobe
ASPHALT, PETROLEUM—11,000 lbs, Hallaren, Gothenburg
CADMIUM LITHOPONE—110 lbs, Leerdam, Apeldoorn
CLEANING COMP—800 lbs, Black Osprey, Baden
COLOR, DRY—12,060 lbs, Leerdam, Rotterdam
GREASE, LUBRICATING—12,060 lbs, Leerdam, Rotterdam
INSECTICIDE—(California) 550 gls, San Jose; 134 gls, Tegucigalpa
METHANOL—49,725 lbs, Peter Maersk, Yokohama
NICKEL SULPHATE—4,000 lbs, Peter Maersk, Kobe
OIL, LUBRICATING—92 bbls, Black Osprey, Antwerp; 165 gls, Leerdam, Rotterdam
PARAFFIN—(Peter Maersk) 83,885 lbs, Shanghai; 33,763 lbs, Tsingtao
PASSION FLOWER HERB—532 lbs, Black Osprey, Antwerp
RUTILE—4,000 lbs, Peter Maersk, Kobe
SAND, PREPARED—200 lbs, Black Osprey, The Hague
SODA, BICHROMATE — 11,200 lbs, Peter Maersk, Kobe-Osaka
STARCH, CORN—140,500 lbs, Black Osprey, Antwerp
POSTER—3,125 lbs, Steel Inventor, Manila
SUPERPHOSPHATE—2,900,850 lbs, Detroiter, Toronto
UREA—10,000 lbs, Peter Maersk, Kobe; 4,000 lbs, Black Osprey, Antwerp
VIBURNUM BARK—503 lbs, Black Osprey, Antwerp

Clearance Dates

Black Osprey, June 3; California, June 2; Detroiter, June 4; Hallaren, June 3; Leerdam, June 4; Peter Maersk, June 1; Steel Inventor, May 28

Beaumont Exports

BLACK, CARBON—28 tons, Nishmaha, London
PETROLEUM, CRUDE—84,892 bbls, Marathon, Montreal
SOAPSTOCK, COTTONSEED—17 tons, Nishmaha, Hull

Clearance Dates

Marathon, May 26; Nishmaha, May 20

Boston Exports

ALUMINA OXIDE—1 bx, 2,337 bgs, 36 kegs, 244,653 lbs, American Banker, London
CHEMICALS—1 cs, 76 lbs, San Bruno, Havana
CLAY—30 bbls, 7,440 lbs, American Banker, London; 220 bbls, 80,040 lbs, Quaker City, Manchester
COALTAR—50 dms, 22,990 lbs, San Bruno, Havana
DEXTRIN—81 cs, 11,100 lbs, San Bruno, Havana

DRESSING, BELT—9 cs, Franconia, Dundee
LEATHER—(American Banker) 1 bx, 54 lbs, Leicester; 5 dms, 250 gls, Walsall
SHOE—1 keg, 29 cs, 283 gls, San Bruno, Havana
ETHYLENE DIAMINE—10 dms, 4,250 lbs, American Banker, London
GREASE—2 bckts, 100 lbs, Saint John, St John
LUBRICATING—3 hlf bbls, 717 lbs, Franconia, Liverpool
INK, PRINTING—1 cs, 55 lbs, Franconia, Manchester
WRITING—8 crtns, 116 lbs, San Bruno, Fort Clayton
INVALID'S FOOD—24 cs, 371 lbs, San Bruno, Havana
LACQUER—1 bx, 35 lbs, American Banker, London
LEATHER SOFTENER—1 cs, 5 gls, Franconia, Leicester
LINING COMP—4 dms, 1,785 lbs, American Banker, Havre
MEDICINAL PREP'S—557 bxs, 2,785 lbs, American Banker, London; (San Bruno) 34 cs, 1,150 lbs, Panama City; 3 straps, 25 cs, 1,504 lbs, Havana;
OIL, CODLIVER—10 dms, 4,000 lbs, Saint John, St John
CREOSOTE, NEUTRAL—5 dms, 2,500 lbs, Saint John, St John
LUBRICATING—10 crtns, 2 hlf dms, 9 dms, 667 gls, Saint John, St John; 1 cs, 160 lbs, Franconia, Liverpool; 8 dms, 5,033 lbs, Saint John, Charlottetown; 4 cs, 561 lbs, San Bruno, Cristobal
PAINT—18 cs, 30 pls, 4,260 lbs, San Bruno, Havana
PARAFFIN—153 bgs, 33,966 lbs, Quaker City, Manchester
PASTE, ADHES—150 dms, 7,050 lbs, American Banker, London
FLOUR, DRY—12 bbls, 1,200 lbs, San Bruno, Havana
SODA, BICARBONATE—40 kegs, 75 bbls, 34,480 lbs, Saint John, St John
SOLDER FLUX—6 dms, 810 lbs, San Bruno, Havana
TOILET PREP'S—(San Bruno) 1 cs, 54 lbs, Panama City; 8 cs, 436 lbs, Havana
TURPENTINE, GUM—5 dms, 1,960 lbs, Saint John, St John
WAX, SEALING—2 cs, 117 lbs, San Bruno, Havana
SHOE—12 bbls, 3,145 lbs, Quaker City, Leeds

Clearance Dates

American Banker, May 25; Franconia, May 31; Quaker City, June 1; Saint John, May 28, June 2; San Bruno, May 26

Corpus Christi Exports

OIL, FUEL—1,802 bbls, C B Watson, Cateret
PETROLEUM, CRUDE—55,544 bbls, C B Watson, Cateret

Clearance Date

C B Watson, May 26

Galveston Exports

BLACK, CARBON—2 tons, Tripp, Liverpool; 200 cs, Gand, Havre; 1 ton, Hanover, Hongkong
CONCENTRATES—30 tons, Tripp, Liverpool
MOLYBDENITE—830 bbls, Gand, Havre; 88 bbls, Brockenheim, Hamburg
POTASH—653 tons, Tillie Lykes, San Juan
SULPHUR—(Tripp) 500 tons, Liverpool; 500 tons, Manchester; 3,000 tons, City of Omaha, Hamburg; 374 bgs, Gand, Havre; (Hanover) 500 tons, Shanghai; 25 tons, Hongkong; 20 tons, Manila; (Gypsum King) 3,200 tons, Bathurst; 1,300 tons, Liverpool; 1,800 tons, Campbellton

Clearance Dates

Brockenheim, May 29; City of Omaha, May 28; Gand, May 29; Gypsum King, June 2; Hanover, May 29; Tillie Lykes, June 1; Tripp, May 27

Houston Exports

BLACK, CARBON—20 tons, Brockenheim, Bremen; 75 tons, Gand, Havre; (Waban) 975 pkgs, Havre; 2,016 bgs, Antwerp; 25 cs, Rotterdam; 10 tons, Maine, Copenhagen; (Tripp) 362 pkgs, Manchester; 20,184 bgs, Liverpool-Manchester; (Hanover) 195 cs, Shanghai; 50 cs, Hongkong; 443 bgs, West Cobalt, Trieste
GASOLINE—78,000 bbls, Agwiworld
LARD—(Tillie Lykes) 5 tons, Mayaguez; 2 tons, Ponce
OIL, COTTONSEED—24 tons, Stella Lykes, Cristobal
GAS—7,150 tons, Sarita, a port in Greece
LUBRICATING—(Gand) 260 bbls, Havre; 65 bbls, Dunkirk; 65 bbls, Tripp, Manchester; (Hanover) 19 dms, 5 crts, Shanghai; 40 dms, Hongkong; 116 tons, Stella Lykes, Cristobal
PAINT—2 tons, Tillie Lykes, San Juan

Clearance Dates

Brockenheim, May 27; Gand, May 28; Hanover, May 30; Maine, May 29; Sarita, June 1; Stella Lykes, May 30; Tillie Lykes, May 28; Tripp, May 29; Waban, May 28; West Cobalt, June 2

Lake Charles Exports

DRUGS—1 cs, Almeria Lykes, San Juan
ROSIN—50 dms, Almeria Lykes, Ciudad Trujillo

Clearance Date

Almeria Lykes, May 25

Los Angeles Exports

ACID, BORIC—40 cs, 8,960 lbs, Taybank, Shanghai
HYDROCYANIC—300 lbs, Hidalgo, Mazatlan
ASPHALT, EMULSIFIED—1,167,490 lbs, Taybank, Manila
BORAX—4,600 bgs, 515,200 lbs, Asosan, Osaka; (Kinai) 500 bgs, 56,000 lbs, Yokohama-Osaka; 3,600 bgs, 402,600 lbs, Kinai, Osaka; (Chinese Prince) 350 bgs, 39,200 lbs, Hongkong; 1,550 bgs, 179,200 lbs, Shanghai; (Balboa) 296 bgs, 33,150 lbs, Malmo; 394 bgs, 44,130 lbs, Ronneby; 1,600 bgs, 112,000 lbs, Taybank, Shanghai
FULLERS EARTH—200 lbs, Hidalgo, Guaymas
GASOLINE—1,000 dms, 485 cs, 368,180 lbs, Chinese Prince, Manila; 200 cs, 16,000 lbs, Hidalgo, Porto Vallarta; 500 cs, 75 dms, 90,900 lbs, Argyll, Santa Rosalia
HERBS, DRY—730 lbs, Damsterdijk, London
INFUSORIAL POWDER—(Balboa) 22 bgs, 2,240 lbs, Apperley Bridge, 2 bgs, 160 lbs, Oslo; 143 bgs, 13,440 lbs, Bergen; 345 bgs, 33,600 lbs, Stockholm; (Damsterdijk) 112 bgs, 11,200 lbs, Glasgow; 20 bgs, 2,050 lbs, Greenock; 220 bgs, 22,400 lbs, Brandanger, Buenos Aires
INSECTICIDE—760 lbs, Antigua, Good Hope
KEROSENE—(Saparoea) 3,000 cs, 255,000 lbs, Sourabaya; 5,000 cs, 425,000 lbs, Cebu; 800 cs, 68,000 lbs, Hidalgo, Porto Vallarta
MINERAL SPTS—50 dms, 16,470 lbs, Brandanger, Buenos Aires
OIL, DIESEL—2,957 bbls, 922,580 lbs, Chinese Prince, Hongkong; 64,586 bbls, 20,150,830 lbs, Barbro, Hakodate-Nagasaki; 4,678 bbls, 1,459,540 lbs, Asosan, Tama; (Fernbrook) 3,067 bbls, 956,900 lbs, Yokohama; 3,252 bbls, 1,014,620 lbs, Hongkong; 10,463 bbls, 3,264,460 lbs, Koryu, Osaka; 8,171 bbls, 2,549,350 lbs, Keisho, Osaka; 146 bbls, 45,550 lbs, Velma, Chanaral; 2 bbls, 940 lbs, Argyll, Santa Rosalia
FUEL—38,403 bbls, 12,788,200 lbs, Elizabeth Kellogg, Manila; 20,001 lbs, 6,660,330 lbs, Otowasan, Tsurumi; 2,745 bbls, 914,090 lbs, Asosan, Tama; 16,343 bbls, 5,442,220 lbs, Zuiyo, Kawasaki; 62,916 bbls, 20,951-030 lbs, Nevada, Manila; 13,108 bbls, 4,364,960 lbs, Otokia, Kawasaki; (Velma) 46,088 bbls, 15,347,300 lbs, Tocopilla; 39,999 bbls, 13,319,670 lbs, Chanaral
PAINT—10,400 lbs, Saparoca, Semarang; 1,000 lbs, Damsterdijk, Amsterdam
LIQUID—400 lbs, Hidalgo, Ensenada; 1,730 lbs, Taybank, Manila
PECTIN—2,000 lbs, Damsterdijk, London
CITROUS—500 lbs, Damsterdijk, Rotterdam
POTASH, MURIATE—(Asosan) 8,500 bgs, 1,873,910 lbs, Yokohama; 500 bgs, 110,230 lbs, Moji; 700 bgs, 154,320 lbs, Kobe
SODA, ASH—50 bbls, 15,000 lbs, Chinese Prince, Manila
BICARBONATE—2,000 lbs, Hidalgo, Hermosillo
SULPHUR FLOWERS—1,000 lbs, Hidalgo, Guaymas
TALLOW, INED—30,000 lbs, Damsterdijk, Liverpool
VARNISH—430 lbs, Chinese Prince, Hongkong

Clearance Dates

Antigua, May 23; Argyll, May 27; Asosan, May 26; Balboa, May 22; Barbro, May 30; Brandanger, May 23; Chinese Prince, May 28; Damsterdijk, May 22; Elizabeth Kellogg, June 1; Fernbrook, May 27; Hidalgo, May 25; Keisho, May 25; Kinai, May 27; Koryu, May 23; Nevada, May 16; Otokia, May 28; Otowasan, May 28; Saparoca, May 23; Taybank, May 22; Velma, May 27; Zuiyo, May 19

Mobile Exports

ROSIN—250 bbls, Idarwald, London; (Frankenwald) 75 bbls, 50 dms, Bremen; 978 bbls, Hamburg
TURPENTINE—60 dms, Idarwald, London

Clearance Dates

Frankenwald, May 25; Idarwald, May 29

New Orleans Exports

ASPHALT—5 tons, Tortugas, Oslo; 31 tons, Boschdijk, London
BAKING POWDER—100 ctns, Port Antonio, Puerto Castilla
BAUXITE ORE—610 tons, Tortugas, Tyssedal
BLACK, CARBON—(Tivives) 6 cs, Havana; 100 cs, Valparaiso; 5 cs, Morazan, Vera Cruz; 35 ctns, Carlton, Genoa; 62 tons, Meanticut, London; (Uddeholm) 50 cs, Malmo; 7 cs, Danzig; (Boschdijk) 18 tons, London; 5 tons, Antwerp; 7 tons, Rotterdam; 1 ton, Bombay; (Kiyosumi) 15 cs, Yokohama; 2,688 sks, 160 cs, Kobe
CALCIMINE—38 kegs, Port Antonio, Santiago
CALCIUM CARBIDE—500 dms, Tivives, Cristobal
FIRE, CLAY—54 tons, Tivives, Havana
GROUND—27 tons, Meanticut, London; 27 tons, Boschdijk, Antwerp
COALTAR—10 dms, Metapan, Cartagena
COCOA WASTE—62 tons, Boschdijk, Amsterdam
COLOR, EARTH—667 sks, Metapan, Havana
COTTONSEED MEAL—10 sks, Port Antonio, Puerto Castilla; 800 sks, Metapan, Havana
FERTILIZER—(Santa Marta) 200 sks, Puerto Cortez; 20 sks, Tela; 250 sks, Gansfjord, Kingston
FIRECLAY—200 sks, Tivives Salaverry, (Boschdijk) 6 tons, Antwerp; 3 tons, Amsterdam; 4 dms, 50 sks, Austvangen, Willemstad
GASOLINE—(Baja California) 651 dms, Puerto Cabezas; 25 dms, Bluefields; (Port Antonio) 40 dms, Puerto Barrios; 150 dms, Puerto Castilla; 27 dms, Sinaloa, Bluefields; (Gansfjord) 110 dms, Tela; 30 cs, Belize
GREASE, LUBRICATING—(Tivives) 12 dms, Havana; 10 cs, Guayaquil; 8 dms, 4 bbls, 10 cs, Austvangen, Willemstad
KEROSENE—75 cs, Tivives, Puerto Limon; 5 cs, Baja California, Swan Island; (Santa Marta) 50 dms, Puerto Cortez; 600 cs, Tela; (Port Antonio) 400 cs, 60 dms, Kingston; 200 cs, Puerto Castilla; 350 cs, Austvangen, Willemstad; 40 cs, 8 dms, Sinaloa, Bluefields; (Gansfjord) 400 cs, Kingston; 100 cs, Belize
LARD—(Tivives) 725 tins, 350 dms, Havana; 200 tins, Colon; 600 tins, Panama City; (Metapan) 500 tins, Havana; 50 tins, Panama; 105 cs, 300 tins, Austvangen, Port au Prince; 25 tins, Sixaola, Belize
LEAD, RED—20 kgs, Baja California, Bluefields
LIME—8 dms, Port Antonio, Belize
LYE—18 tons, St Mary, Tampico
MANDRAKE ROOT—8 tons, Meanticut, London
MOLASSES—45 bbls, Uddeholm, Copenhagen
MORTAR—20 sx, Austvangen, Willemstad
OIL, FUEL—25 dms, Sinaloa, Bluefields; 25 dms, Gansfjord, Belize
LUBRICATING—(Tivives) 144 dms, 10 ½ dms, 8 ¼ dms, Havana; 6 dms, Panama; 15 cs, Guayaquil; 64 tons, Meanticut, London; 65 bbls, Lucia C, Venice; (Metapan) 5 ¼ dms, Havana; 10 dms, Puerto Colombia; 65 dms, Uddeholm, Helsingfors; (Tortugas) 18 tons, Gothenburg; 22 tons, Helsingfors; 14 tons, Boschdijk, Amsterdam; (Kiyosumi) 1,011 dms, Yokohama; 115 dms, Yokohama-Osaka; 83 dms, Shanghai; 254 dms, Osaka; 9 dms, Austvangen, Willemstad
REFINED—50 cs, Metapan, Puerto Limon
PAINT—4 tons, Metapan, Havana; (Austvangen) 26 cs, 12 kegs, 2 dms, Ciudid Trujillo; 30 cs, 8 kits, Willemstad; 1 ton, Sixaola, Puerto Barrios
PARAFFIN—27 tons, Meanticut, London; 6 tons, Boschdijk, Antwerp
PHENOL—(Boschdijk) 8 tons, Antwerp; 12 tons, Rotterdam
ROSIN—(Tivives) 25 bbls, Havana; 30 dms, Puerto Limon; 50 bbls, Lucia C, Fiume; (Metapan) 100 dms, Havana; 100 dms, Buenaventura; (Tortugas) 12 tons, Gothenburg; 28 tons, Gdynia; 45 tons, Boschdijk, London
GUM—80 bbls, Metapan, Santa Marta
SALT—37 tons, Tivives, Cristobal; 21 tons, Metapan, Cristobal; 2 tons, Sixaola, Belize
SOAPSTOCK, COTTONSEED—9 tons, Meanticut, London
SODA—3 bbls, Nishmaha, London
SOYBEAN MEAL—225 tons, Maine, Oslo; 3,711 sks, Uddeholm, Oslo
STARCH—20 sks, Morazan, Vera Cruz (Tortugas) 9 tons, Oslo; 10 tons, Helsingfors
STEARIN—70 sks, Tivives, Havana
TRIPOLI—1 sk, Uddeholm, Stockholm
TURPENTINE—15 dms, Tivives, Havana; 300 cs, 54 dms, Metapan, Cristobal
WAX—700 sks, Santa Marta, Puerto Barrios; 610 sks, Uddeholm, Helsingfors
ZINC DUST—240 dms, St Mary, Tampico

Clearance Dates

Austvangen, May 19; Baja California, April 3; Boschdijk, May 29; Carlton, June 2; Gansfjord, April 15; Kiyosumi, June 6; Lucia C, May 25; Maine, June 1; Meanticut, May 21; Metapan, April 9; Morazan, April 23; Nishmaha, June 1; Port Antonio, April 8; Santa Marta, April 6; Sinaloa, April 11; Sixaola, April 13; St Mary, April 30; Tivives, April 2; Tortugas, May 25; Uddeholm, June 5

Norfolk Exports

BLACK HAW BARK—6 bls, 2,193 lbs, City of Havre, Hamburg
BONE, SCRAP—1,305 bgs, 41,320 lbs, City of Havre, Hamburg; 823 bgs, 58,900 lbs, City of Norfolk, Hamburg
CANNABIS HERB—5 bgs, City of Norfolk, Hamburg
CATNIP—1 bl, 244 lbs, City of Norfolk, London
CLEANING COMP—57 dms, 40,277 lbs, City of Havre, London
COTTONROOT BARK—2 bls, 648 lbs, City of Norfolk, London
HERBS—8 bls, 2,360 lbs, City of Norfolk, London
LARD—640 bxs, 40,000 lbs, City of Norfolk, Hamburg
LOBELIA HERB—3 bls, 1,044 lbs, City of Norfolk, London
MEDICINAL PREPS—(Clytoneus) 20 bxs, 680 lbs, Hongkong; 6 bxs, 204 lbs, Singapore; 20 pkgs, City of Norfolk, London
MICA, PULV—(City of Norfolk) 80 bgs, 8,080 lbs, Hamburg; 200 bgs, 20,200 lbs, London
MINT LEAVES—12 bls, 4,033 lbs, City of Norfolk, London
PASSION FLOWER HERB—5 bls, 1,459 lbs, City of Havre, Hamburg
POTASH BROMIDE—240 cs, 31,680 lbs, City of Havre, London
UREA—441 bgs, City of Norfolk, Havre
VANILLA EXTRACT—2 cs, Vega, Guantanamo
WHITE PINE BARK—1 bl, 498 lbs, City of Norfolk, Hamburg
WILD CHERRY BARK—5 bls, 2,487 lbs, City of Norfolk, Hamburg

Clearance Dates

City of Havre, May 29; City of Norfolk, May 23; Clytonens, May 29; Vega, May 25

Philadelphia Exports

ACETATE, BUTYL—29 dms, Hallaren, Helsingfors
CELLULOSE—2 cans, Collamer, Havre
ACID, MURIATIC—1 cs, Chincha, Santiago
BENZOL—35 dms, Bronte, Rio de Janeiro
BLACK, CARBON—(Sagaporack) 18 cs, Gdynia; 120 cs, Leningrad
CAMPHOR—10 cs, 6 dms, Black Heron, Brussels
CEMENT, FIBRE—2 dms, Bronte, Sao Paulo; 2 dms, Chincha, Santiago
RUBBER—3 dms, 1 pl, Bronte, Sao Paulo; 3 dms, Chincha, Santiago
CHEMICALS, DRY—8 bbls, Black Heron, Rotterdam
FIRE CLAY—31 dms, 195 crtns, Leerdam, Rotterdam
CLEANING COMP—25 cs, 2 bdls, 361 crtns, Artigas, London
COCOA CAKE—413 bgs, Black Heron, Amsterdam; 159 bgs, Leerdam, Amsterdam
WASTE—1,217 bgs, Black Heron, Amsterdam
COTTON LINTERS—47 bls, Artigas, London
DIFLUOROMETHANE—7 cyls, Sagaporack, Copenhagen
DRUGS—14 crtns, California, Colon
ETHYL FLUID—6 dms, Collamer, Dunkirk
GASOLINE—57,352 bbls, Raila, Rio de Janeiro; 64,141 bbls, Campomanes, Tarragona
GLASS, WINDOW—1 bx, California, Cristobal
GREASE—11 dms, 1 pl, Bronte, Sao Paulo; 6 dms, 1 pl, Chincha, Santiago
LUBRICATING—(Black Heron) 1 dm, Rotterdam; 1 dm, Basle; 10 dms, 20 bckts, Raila, Rio de Janeiro; (California) 10 cs, Bucaramanga; 5 dms, Barranquilla; 3 dms, Pereira; (Sagaporack) 4 dms, 4 kgs, 25 pls, 4 cs, Gothenburg; 4 dms, 46 pls, 16 cs, Copenhagen; 5 ½ dms, 40 cs, Helsingfors; (Hallaren) 2 dms, Oslo; 12 dms, Stockholm; (Steel Inventor) 131 crtns, Manila; 5 dms, Hongkong
WHITE—249 tcs, Black Heron, Rotterdam
INK, PRINTING—2 bxs, Black Heron, Brussels
INSECTICIDE, AGRIC—1 cs, 110 crtns, Black Heron, Brugge
ISO-OCTANE—25 cs, Artigas, London
KEROSENE—6,141 bbls, Raila, Rio de Janeiro
LICORICE MASS—(Black Heron) 30 cs, Rotterdam; 40 cs, Antwerp; 5 cs, Sagaporack, Gothenburg
LINSEED CAKE—1,748 bgs, Black Heron, Antwerp
MAGNESIA PERCHLORATE, TRIHYDRATE—1 box, Hallaren, Stockholm
MORTAR—40 dms, Artigas, London
OIL—10 dms, Chincha, Santiago; 130 dms, Cold Harbor, Manchester
BURNING—2 dms, Artigas, London
FISH—1 dm, Black Heron, Rotterdam
ILLUMINATING—481 bbls, Vaclite, Birkenhead and/or London
LUBRICATING—(Black Heron) 230 dms, 10 ¼ dms, 30 ½ dms, 48 pkgs, Antwerp; 19 ctns, Basle; 785 dms, 200 cs, 270 crtns, 1 bckt, Raila, Rio de Janeiro; (California) 24 dms, Cristobal; 4 bbls, 45 dms, Barranquilla; 10 ¼ dms, Mollendo; (Sagaporack) 6 dms, Gothenburg; 30 pkgs, Gdynia; 55 dms, 25 ½ dms, 1 bx, 6 ctns, Helsingfors; (Cold Harbor) 77 bbls, Manchester; 242 bbls, Liverpool; (Minnequa) 65 dms, Copenhagen; 112 dms, Gdynia; (Collamor) 70 bbls, Havre; 539 bbls, Dunkirk; 49 pkgs, Leerdam, Rotterdam; (Hallaren) 1 bx, 2 crts, 20 dms, Oslo; 308 pkgs, Helsingfors; 22 pkgs, Tallin; 10 pkgs, Riga, 9 dms, 1 crt, 874 pkgs, Gothenburg; 247 pkgs, Malmo; 4 dms, 16 crts, 763 pkgs, Stockholm; 67 pkgs, Sundsvall; 131 pkgs, Norrkoping; 75 pkgs, Helsingborg; 36,688 bbls, Vaclite, Birkenhead and/or London; (Artigas) 66 dms, London; 25 bbls, Hull; (Steel Inventor) 20 dms, 42 pkgs, Manila; 80 dms, Hongkong
MEDICINAL—1 dm, Black Heron, Brussels
NEATSFOOT—10 dms, Sagaporack, Gothenburg; 5 bbls, Collamer, Havre
TRANSFORMER—1 cs, California, Coco Solo; 50 dms, Raila, Rio de Janeiro
PAINT—1 cs, 25 dms, 117 pls, Bronte, Sao Paulo; 1 cs, 24 dms, 118 pls, Chincha, Santiago
PARAFFIN—121,200 lbs, Vaclite, Birkenhead and/or London; 30 cs, Artigas, London
POLISH—5 pls, Bronte, Sao Paulo
AUTO—13 crtns, Steel Inventor, Manila
SHOE—18 cs, California, Panama City
RESIN, COALTAR—13 dms, Collamer, Havre; 29 dms, Artigas, London
SYNTHETIC—1 bx, Cold Harbor, Belfast
SAND, FILTER—30 bgs, Collamer, Havre
SOAP, LAUNDRY—300 bxs, Waukegan, Leith
SODA ASH—(Hallaren) 1 bbl, Oslo; 15 dms, Stockholm
BICHROMATE—1 pl, Bronte, Sao Paulo; 1 cs, Chincha, Santiago
PHOSPHATE TRI—(Hallaren) 7 bbls, 13 bgs, Gothenburg; 7 bbls, 27 bgs, Malmo
TANNING EXTRACT—70 bbls, Cold Harbor, Glasgow
TETRONE—1 bx, Black Heron, Beldon
SOLUTIONS—1 bx, Cold Harbor, Belfast
TIRE COATING—50 crtns, Steel Inventor, Manila
TURPENTINE—3 dms, Black Heron, Brussels
WAX—213 bbls, Cold Harbor, Manchester

Clearance Dates

Artigas, June 1; Black Heron, May 29; Bronte, May 29; California, May 29; Campomanes, May 28; Chincha, May 27; Cold Harbor, June 1; Collamer, June 2; Hallaren, June 1; Leerdam, June 2; Minnequa, June 1; Raila, June 2; Sagaporack, May 29; Vaclite, June 3; Waukegan, June 3

Port Arthur Exports

ASPHALT—31 cs, Harvester, Rio de Janeiro; (Husvik) 2 dms, Puerto Limon; 7 cs, Port au Prince; (Trentbank) 1,199 dms, 112 bbls, Sydney; 100 dms, Melbourne; 100 bbls, Europe, Antwerp
LIQUID—(Genevieve Lykes) 1 bx, Mayaguez; 1 bx San Juan; (Harvester) 11 bxs, Rio de Janeiro; 9 bxs, Santos; 1 bx, Husvik, Kingston
PETROLEUM—5,260 bbls, 1,717 dms, Nishmaha, London; (Steel Age) 10 dms, Colombo; 677 dms, Calcutta; (Gand) 247 dms, 966 bbls, Havre; 1,482 dms, Antwerp; 25 dms, Lustrous, Amsterdam; (West Cobalt) 7,671 dms, Genoa; 1,485 dms, Genoa-Civitavecchia
SOLID—(Genevieve Lykes) 20 dms, Mayaguez; 15 dms, San Juan
CLEANER, DRY—20 dms, Harvester, Rio de Janeiro; (Steel Age) 2 cs, Karachi; 2 cs, Bombay; 2 cs, Colombo; 2 cs, Madras; 2 cs, Calcutta
DRESSING, WAX, LIQ—10 cs, Genevieve Lykes, San Juan; (Husvik) 3 cs, Kingston; 1 dm, Ciudad Trujillo
GASOLINE—(Harvester) 16,341 bbls, 500 cs, Rio de Janeiro; 300 cs, Rio Grande do Sul; 36,000 bbls, Santos; 8,060 bbls, Campoamor, Vigo; (Husvik) 250 bbls, Belize; 350 dms, Puerto Barrios; 50 cs, Livingston; 250 dms, San Jose; 200 dms, 600 bbls, Cristobal; 300 bbls, Guayaquil; 400 bbls, Tumaco; 400 bbls, Buenaventura; 275 bbls, Turbo; 250 bbls, Puerto Colombia; 100 bbls, 100 dms, 400 cs, Medellan; 201 bbls, Kingston; 1,000 cs, 800 bbls, Port au Prince; 20 bbls, Cape Haitien; 250 bbls, San Pedro de Macoris; (Steel Age) 5,000 cs, Djibouti; 52,831 bbls, Lustrous, Amsterdam; 61,844 bbls, South America, Liverpool; (Europe) 53,987 bbls, Antwerp; 30,473 bbls, Thameshaven
GREASE, LUBRICATING—(Genevieve Lykes) 2 dms, Aguadilla; 40 dms, 10 cs, La Guaira; 30 dms, 22 cs, 6 pls, Ponce; 2 dms, 20 cs, Arecibo; 4 cs, 2 pls, Fajardo; 13 dms, 2 cs, Mayaguez; 30 dms, 47 cs, San Juan; (Harvester) 30 kegs, 480 cs, 145 bbls, 23 dms, Rio de Janeiro; 160 cs, 87 dms, Santos; 55 dms, 90 ctgs, 150 cs, Nishmaha, London; (Husvik) 20 cs, Limon; 125 dms, 226 cs, 2 bbls, Kingston; 29 dms, 30 cs, Port au Prince; 5 dms, 10 cs, Cape Haitien; 3 dms, Monte Cristi; 7 dms, San Pedro de Macoris; 22 dms, 10 cs, Ciudad Trujillo; (Steel Age) 40 dms, Karachi; 15 dms, Colombo; 45 dms, 8 cs, Calcutta; (Gand) 120 bbls, 17 hf bbls, 120 ctgs, Rouen; 120 bbls, 34 dms, 9 cs, Antwerp; 110 dms, 31 bbls, Lustrous, Amsterdam; 2 bbls, 10 ctns, 4 cs, West Cobalt, Venice; (Trentbank) 230 dms, Brisbane; 530 dms, 202 cs, Sydney; 555 dms, Melbourne; 100 cs, 225 dms, Adelaide; 137 bbls, 35 dms, Europe, Antwerp
KEROSENE—(Genevieve Lykes) 750 cs, Aguadilla; 1,500 cs, Ponce; 90 cs, Arecibo; 300 cs, Fajardo; 1,510 cs, Mayaguez; 1,800 cs, San Juan; 7,984 bbls, 101 cs, Harvester, Rio de Janeiro; 50 dms, Nishmaha, London; (Husvik) 50 cs, Livingston; 300 cs, Limon; 120 cs, 540 bbls, 2 dms, Kingston; 690 cs, 10 bbls, Morant Bay; 400 cs, Falmouth; 944 cs, Montego Bay; 700 cs, Gonaives; 500 cs, 2 bbls, Cape Haitien; 700 bbls, Fort Liberte; 300 cs, 200 bbls, Aux Cayes; 80 bbls, Jacmel; 590 cs, Monte Cristi; 1,300 cs, La Romana; 1,400 cs, San Pedro de Macoris; 5,000 cs, Ciudad; 50 dms, Gand, Rouen; 21,128 bbls, Lustrous, Amsterdam; 3,335 bbls, South America, Liverpool; (Europe) 7,940 bbls, Antwerp; 3,907 bbls, Thameshaven
OIL, GAS—28,041 bbls, Campeche, Malaga; 30,338 bbls, Campero, Santander; 40,870 bbls, Scottish Heather, Valencia
LIGHT—3,705 bbls, Europe, Antwerp
DIESEL—(Husvik) 100 dms, Livingston; 100 dms, San Salvador; 8,839 bbls, South America, Liverpool; 3,833 bbls, Europe, Antwerp
FUEL—39,616 bbls, Zorroza, Bilbao; 27,651 bbls, Campeche, Malaga; 35,515 bbls, Campero, Santander; 27,427 bbls, Scottish Heather, Valencia
LUBRICATING—(Genevieve Lykes) 3 dms, 9 cs, Aguidilla; 85 dms, 25 cs, La Guaira; 289 dms, 66 cs, Ponce; 22 dms, 2 cs, Arecibo; 2 dms, Fajardo; 15 dms, 11 cs, Mayaguez; 107 dms, 42 cs, San Juan; (Harvester) 3,098 bbls, 531 dms, 725 cs, Rio de Janeiro; 125 dms, 200 bbls, 209 cs, Santos; 2 bbls, San Paulo; 190 dms, 10 bbls, Nishmaha, London; (Husvik), 74 dms, Limon; 379 dms, 365 cs, Kingston; 75 dms, 45 cs, Port au Prince; 25 dms, Cape Haitien; 10 dms, Fort Liberte; 5 dms, Aux Cayes; 6 dms, 1 cs, Monte Cristi; 6 dms, La Romana; 11 dms, San Pedro de Macoris; 20 dms, Ciudad; (Steel Age) 30 dms, Djibouti; 290 dms, 189 cs, Karachi; 155 dms, Colombo; 1,590 dms, 15 cs, Calcutta; 935 bbls, Zorroza, Bilbao; (Gand) 280 bbls, 15 dms, Rouen; 429 dms, 45 bbls, Antwerp; (West Cobalt) 219 dms, 125 bbls, Trieste; 114 bbls, Venice; (Trentbank) 528 dms, Brisbane; 1,642 dms, Sydney; 1,205 dms, Melbourne; 401 dms, Adelaide; 45 bbls, 75 dms, Europe, Antwerp
PAINT, PREPARED—2 dms, Husvik, Port au Prince; (Steel Age), 3 cs, Madras; 9 cs, Calcutta
SOLVENT—25 cs, 5 dms, Genevieve Lykes, San Juan; 50 dms, Harvester, Rio de Janeiro; 25 cs, Husvik, Kingston
PETROLEUM, CRUDE—75,632 bbls, Meline, Bordeaux; 78,206 bbls, Benedick, Bordeaux; 94,037 bbls, Havprins, Montreal
POLISH, AUTO—(Steel Age) 1 cs, Karachi; 1 cs, Bombay; 1 cs, Colombo; 1 cs, Madras; 1 cs, Calcutta; 5 cs, Trent bank, Brisbane; 5 cs, Adelaide
WAX—(Harvester) 88 cs, Rio de Janeiro; 88 cs, Santos; (Husvik), 1 cs, 31 bgs, Port au Prince; 20 bgs, Ciudad Trujillo; (West Cobalt), 1,663 bgs, Genoa; 3 cs, 3 hlf bbls, Trieste; 236 bgs, Venice; (Trentbank) 12 bgs, Brisbane; 150 cs, 23 bgs, Sydney; 70 cs, 823 bgs, Melbourne; 23 bgs, 50 cs, Adelaide

Clearance Dates

Benedick, May 19; Campeche, May 19; Campero, May 30; Campomor, May 14; Europe, May 27; Gand, May 20; Harvester, May 9; Havprins, May 2; Husvik, May 16; Genevieve Lykes, May 7; Lustrous, May 20; Meline, May 16; Nishmaha, May 16; Scottish Heather, May 30; South America, May 24; Steel Age, May 18; Trentbank, May 22; West Cobalt, May 20; Zorroza, May 19

San Francisco Exports

ACETONE—51 dms, Damsterdijk, Holland; 1 cs, President Polk, Bahrein; 63 dms, West Nilus, Buenos Aaires
ACID, ACETYLSALICYLIC—(President Polk) 20 cs, Shanghai; 13 cs, 1 kg, President Polk, Canton
BORIC—40 sks, Mariposa, Australia
SALICYLIC—3 cs, President Polk, Shanghai
ALCOHOL, BUTYL—13 dms, Damsterdijk, Holland
ISOPROPYL—26 dms, West Nilus, Buenos Aires
AMMONIA, ANHYD—(President Polk) 33 cyls, Shanghai; 5 cyls, Singapore
ANISE—1 cs, Damsterdijk, Costa Rica
ANTISEPTIC—6 cs, President Polk, Bahrein
APRICOT KERNEL PULP—728 sks, Rosebank, James Island
ARROWROOT—6 bbls, Rosebank, Victoria
ASPHALT—(Brandanger) 300 dms, Buenos Aires; 50 dms, Uruguay; (President Polk) 120 dms, Hongkong; 20 dms, 20 bbls, Manila; 743 bbls, Singapore; 650 bbls, Montebello, Shellburn; (Mariposa) 68 dms, Australia; 200 dms, Pago Pago
CRUDE—207 sx, Mariposa, Australia
GRITS—49 sks, Damsterdijk, England; 238 sks, Knoxville City, England; (Portland) 139 sx, Antwerp; 75 sks, Gdynia; 30 sks, Heranger, Holland; (Pacific Enterprise) 314 sx, London; 61 sks, Manchester
BAKING POWDER—53 cs, President Polk, Hongkong; 5 cs, Mariposa, Pago Pago
BLACK, CARBON—6,215 sks, Mariposa, Australia
BLUE, LAUNDRY—40 cs, President Polk, Manila
BONE ASH—20 bbls, Rosebank, Vancouver
BORAX—1 cs, Antigua, Popayan; 20 sks, Mariposa, Australia
CALCIMINE—13 bbls, 118 cs, West Nilus, San Juan
CAMPHOR, REFD—20 cs, Brandanger, Buenos Aires
CARBON BISULPHIDE—(Hidalgo) 10 dms, Yavaros; 25 dms, Guaymas; 480 dms, Mazatlan; 75 dms, Topolobampo; 5 cs, Rosebank, Vancouver; 35 dms, Oregon, Panama
CEMENT, LIQ—2 dms, 1 cs, Rosebank, Vancouver; 6 pls, Mariposa, Australia
ROOF—2 cs, Mariposa, New Zealand
CHARCOAL—400 sks, Pacific Enterprise, Manchester
CHEMICALS—3 cs, Mariposa, Australia
CHLORINE BLEACH, LIQ—30 cs, Antigua, Puerto Armuelles; 24 cyls, Taybank, Manila
CINNAMON—10 bls, Damsterdijk, Costa Rica
CLAY—4 bgs, Rosebank, Victoria
CLEANER, FLOOR—1 cs, President Polk, Manila
GLASS—1 cs, Pacific Enterprise, London
LIQUID—2 dms, Montebello, Shellburn; 1 dm, President Polk, Kobe
SHOE—6 cs, President Polk, Shanghai
CLOVES—6 bls, Damsterdijk, Costa Rica
COCOA BUTTER—20 cs, Mariposa, New Zealand
COLORS—4 cs, Rosebank, Vancouver; 1 bbl, Rosebank, Vancouver
CADMIUM—2 bbls, Mariposa Sydney
DRY—(Rosebank) 1 kg, 2 bbls, Vancouver; 1 bbl, Victoria; 8 bbls, 1 kg, Mariposa, Australia; 2 bbls, 6 cs, West Nilus, San Juan
COPRA—1,422 sks, Hidalgo, Mexico Cty
CORIANDER SEED—44 sks, Rosebank, Vancouver
CREOSOTE—2 dms, President Polk, Manila; 1 kg, Mariposa, Pago Pago
CUMIN SEED—3 sks, Damsterdijk, Costa Rica
DENTIFRICES—1 cs, President Polk, Manila; 4 cs, Taybank, Manila
DIBUTYL PHTHALATE—1 dm, President Polk, Shanghai
FILTER PAPER—1 cs, President Polk, Bahrein
FLUX—2 dms, Mariposa, Australia
GASOLINE—500 dms, 38,000 bbls, Tulsagas, Manila; 97,222 bbls, Anadara, Lands End for orders
GINGER ROOT—(Mariposa) 94 sks, Australia; 11 sks, Mariposa, New Zealand
GLASS CLEANER—2 dms, Montebello, Shellburn
PLATE—1 cs, Antigua, Buenaventura
WINDOW—4 cs, President Polk, Philippine Islands
GLUCOSE—30 bbls, Taybank, Manila; 10 bbls, Mariposa, New Zealand
GLUE—10 pls, Rosebank, Vancouver; 1 cs, Mariposa, New Zealand
GREASE, LUBRICATING—30 dms, 55 cs, 35 pls, Tulsagas, Manila; 2 cs, Hidalgo, Guaymas; 33 dms, 15 pls, 1 cs, Hidalgo, Topolobampo; 36 pls, Antigua, Puerto Armuelles; 13 bbls, President Polk, Singapore; (Rosebank) 97 dms, 244 pls, 255 cs, Shellburn; 12 cs, 5 pls, 3 dms, 1 keg, Vancouver; 16 dms, 16 hlf dms, 135 qtr dms, 31 pls, 30 cs, Montebello, Shellburn; (Mariposa) 1 cs, Sydney; 47 dms, Australia; 28 dms, West Nilus, San Juan
GUAIACOL—1 cs, President Polk, Manila
GUM, SEALING—10 pls, Mariposa, Australia
HEPTANE—3 cs, Tatsuta, Yokohama
NORMAL—1 cs, Brandanger, Buenos Aires
HYDROGEN, PEROXIDE—24 cs, 1 bbl, Rosebank, Manila; 46 cs, Mariposa, New Zealand
INK, PRINTING—(President Polk) 3 dms, Poona City; 28 pls, 6 dms, Shanghai; 15 dms, Manila; 10 kgs, Mariposa, Australia
INSECTICIDE—30 cs, President Polk, Bahrein; 55 cs, President Polk, Singapore; 3 dms, Montebello, Shellburn
INSULATING MATERIAL—4 crts, Rosebank, Vancouver
KEROSENE—26,000 bbls, Tulsagas, Manila; 405 cs, Antigua, Puerto Armuelles; 125 cs, Mariposa, Pago Pago
LACQUER—120 cs, Brandanger, Buenos Aires; 1 dm, Mariposa, Australia
LARD—94 crts, President Polk, Bahrein; 1,800 tins, Oregon, Ecuador; (West Nilus) 150 tons, San Juan; 150 tins, Mayaguez; 125 tins, Ponce
SUBSTITUTE—5 cs, President Polk, Bahrein; 1 cs, Mariposa, Pago Pago
VEGETABLE—(West Nilus) 200 cs, 150 tins San Juan; 50 tins, Ponce
LEAD DRIER—1 dm, Rosebank, Victoria
WHITE—500 kgs, President Polk, Manila
LIGHTER FLUID—2 dms, Montebello, Shellburn; 1 cs, Mariposa, Pago Pago
LIME, HYDRATED—600 sks, Rosebank, Vancouver
LINSEED CAKE—3,860 sks, Damsterdijk, England; 2,000 sks, Knoxville City, England
LITHARGE—10 bbls, President Polk, Manila
LITHOPONE—200 sks, Mariposa, Australia
LYE—2 cs, President Polk, Bahrein
MAGNESIA—1 dm, President Polk, Shanghai
CARBONATE—10 sks, Rosebank, Victoria
MENTHOL CRYSTALS—5 cs, Brandanger, Buenos Aires
ETHYL ACETONE—13 dms, Damsterdijk, Holland
MILK POWDER—20 bbls, Taybank, Manila; 8 dms, 2 cs, Mariposa, Pago Pago
NITROUS OXIDE GAS—1 crt, President Polk, Manila
NUTMEGS—1 cs, Damsterdijk, Costa Rica
OAK EXTRACT—30 sks, Rosebank, Vancouver
OIL, CHINAWOOD—179 dms, Damsterdijk, England
COCONUT—50 dms, Antigua, Panama City; 30 cs, 26 bbls, Mariposa, New Zealand
CREOSOTE—4 cs, 2 kegs, Mariposa, Pago Pago
OIL, CREOSOTE:—
DIESEL—8,000 bbls, Tulsagas, Manila; 25,959 bbls, San Pedro, Japan; 52,672 bbls, Mactra, Kobe
ESSENTIAL RESIDUE—12 cs, Damsterdijk, England
FISH—8 cs, President Polk, Manila; 1 cs, Bradburn, England
FISH, HARDENED—(Abraham Lincoln) 200 bbls, Liverpool; 480 bbls, Dublin
FUEL—8,530 bbls, San Pedro, Japan; 75,000 bbls, Montebello, Shellburn
GRAPEFRUIT—1 cs, Mariposa, Australia
LEMON—2 cs, Mariposa, Australia
LINSEED—11 dms, President Polk, Manila
LUBRICATING—537 dms, 10 cs, Tulsagas, Manila; 20 cs, Tatsuta, Kobe; (Hidalgo) 15 dms, 30 cs, Guaymas; 220 dms, 142 cs, Topolobampo; 4 cs, Antigua, Puerto Armuelles; (President Polk) 90 dms, Hongkong; 112 cs, Shanghai; 59 dms, Bombay; 2 cs, 90 dms, Singapore; (Rosebank) 176 dms, 25 cs, Shellburn; 2 cs, Vancouver; 28 dms, Knoxville City, England; 6,860 bbls, Mactra, Shanghai; 30 dms, Taybank, Manila; 113 dms, Montebello, Shellburn; (Mariposa) 560 dms, 100 bbls, Australia; 5 cs, Pago Pago; 10 dms, Pacific Enterprise, London; 87 dms, 18 cs, West Nilus, San Juan
NEATSFOOT—4 cs, Taybank, Philippine Islands
ORANGE—4 cs, Mariposa, Australia
PETROLEUM—10 cs, President Polk, Bahrein
ROSIN—1 cs, President Polk, Singapore
SALAD—(President Polk) 285 cs, Manila; 1 cs, Bahrein
ORTHOPEDIC REMEDIES—(Mariposa) 3 cs, New Zealand; 2 cs, Mariposa, Australia
PAINT—23 cs, 32 pls, Brandanger, Buenos Aires; (President Polk) 1 cs, Hongkong; 30 cs, 185 bbls, Colombo; 23 pls, 10 cs, Singapore; 14 cs, 8 dms, Manila; 60 pkgs, Iloilo; 1 cs, Hongkong; 214 cs, 119 kegs, 140 pls, Taybank, Manila; (Mariposa) 8 pls, 1 cs, New Zealand; 2 kgs, Pago Pago; (West Nilus) 244 cs, San Juan; 26 pls, Buenos Aires
ENAMEL—15 cs, Hidalgo, Guaymas; 30 cs, Brandanger, Buenos Aires; 6 cs, Rosebank, Vancouver; 18 cs, Mariposa, New Zealand; 22 dms, West Nilus, Buenos Aires
PASTE—12 cs, Brandanger, Buenos Aires; 1 cs, President Polk, Manila
PREPARED—5 dms, Taybank, Manila; 1 cs, Mariposa, Pago Pago
PRIMER—7 dms, West Nilus, Buenos Aires
PARAFFIN, LIQ—2 cs, Mariposa, Australia
WHITE—350 sks, Brandanger, Peru; 350 sks, Oregon, Peru
PENTASOL AMYL XANTHATE—12 dms, Tatsuta, Senkyou
PEPPER, BLACK—3 sks, Damsterdijk, Costa Rica; 20 sks, Hidalgo, Guaymas
PERFUMERY—1 cs, Montebello, Shellburn
PETROLATUM—3 cs, Montebello, Shellburn
PETROLEUM, CRUDE—40,000 bbls, San Pedro, Japan
PRODUCTS—4 cs, Rosebank, Shellburn
SPIRITS—100 cs, Tulsagas, Manila
PHENOL—(President Polk) 1 cs, Shanghai; 5 dms, Canton
POLISH, FLOOR—200 cs, Mariposa, Australia
FURNITURE—15 cs, Rosebank, Shellburn
METAL—1 cs, President Polk, Bahrein; 8 cs, Rosebank, Vancouver; 2 dms, Montebello, Shellburn
SHOE—2 cs, Mariposa, Australia
POTASH ETHYL XANTHATE—18 dms, Antigua, Valparaiso
XANTHATE—40 dms, Antigua, Quechisla
PUTTY—5 kgs, 2 cs, Taybank, Manila; 1 cs, Mariposa, New Zealand
RESIN—2 dms, Tatsuta, Yokohama; 2 dms, Rosebank, Vancouver
COMPOUND—1 dm, 3 bbls, 15 sks, 2 pls, Mariposa, Australia
SALT—2 cs, Antigua, Buenaventura; 10 cs, President Polk, Bahrein; (Rosebank) 513 tons, Vancouver; 1,600 sks, Rosebank, Vancouver; 160 sks, Taybank, Manila; 2 cs, Mariposa, Pago Pago
PHOSPHATE—800 cs, Mariposa, Sydney
SULPHUR—1,000 cs, Mariposa, Sydney
SARDINE MEAL—200 sks, President Polk, Manila
SEALING COMP—2 bbls, President Polk, Manila
SHELLAC—5 bbls, Rosebank, Victoria
SILICA FLOUR—20 sks, Rosebank, Vancouver
SOAP—(President Polk) 20 cs, Bahrein; 5 cs, Shanghai; 100 cs, Manila; 2 cs, Mariposa, Samoa
CHIP—1 bbl, Rosebank, Vancouver
GRANULATED—10 cs, President Polk, Bahrein
LAUNDRY—3 cs, Mariposa, Pago Pago; (West Nilus) 2,020 cs, San Juan; 1,509 cs, Mayaguez; 450 cs, Ponce
POWDER—5 cs, President Polk, Shanghai
PUMICE—5 cs, President Polk, Bahrein
SCOURING—2 cs, President Polk, Bahrein
TOILET—200 cs, President Polk, Manila; 4 cs, Mariposa, Pago Pago
SODA—35 cs, 3 bbls, President Polk, Shanghai
ETHYL XANTHATE—1 dm, Damsterdijk, England; 22 dms, Antigua, Oruro
SAL—1 dm, Damsterdijk, Aruba
SILICATE—267 sks, President Polk, Shanghai; 2 dms, Mariposa, New Zealand
SOLVENT, BATHROOM—(President Polk), 1 cs, Bahrein; 12 cs, Shanghai
DRAINPIPE—(President Polk) 12 cs, Shanghai; 1 cs, Bahrein
PETROLEUM—1 cs, Taybank, Manila
STARCH—1 pkg, President Polk, Bahrein
CORN—2 cs, President Polk, Bahrein
SULPHUR—25 bbls, 336 sks, President Polk, Hongkong; 91 bbls, Rosebank, Calgary; 140 sks, Mariposa, Australia
TALC—22 sks, Rosebank, Vancouver
TALLOW—47 dms, West Nilus, San Juan; 120 dms, Tatsuta, Osaka; 20 dms, Damsterdijk, Colombia; 270 dms, President Polk, Osaka; 150 bbls, Abraham Lincoln, Liverpool
TANBARK, GRD—50 sks, Rosebank, Vancouver
TAPIOCA—2 sks, Damsterdijk, Costa Rica; 5 sks, Hidalgo, Guaymas
TOILET PREPS—1,000 cs, Taybank, Manila
TOLUOL—2 cs, Rosebank, Vancouver
TRICRESYL PHOSPHATE—1 dm, President Polk, Shanghai
TURPENTINE—10 dms, Tatsuta, Yokohama
TREE WASH, DRY—40 cs, Mariposa, Australia
VANILLA EXTRACT—(President Polk) 1 pkg, Bahrein; 2 cs, Manila
VARNISH—1 dm, Hidalgo, Mexico City; 9 cs, Brandanger, Buenos Aires; (President Polk), 1 cs, Singapore; 40 kgs, Manila; 5 dms, Rosebank, Vancouver; 15 cs, Taybank, Manila; 2 cs, West Nilus, San Juan
WASHING POWDER—10 cs, President Polk, Bahrein
WATER, MINERAL—6 cs, Tatsuta, Tokyo; 50 cs, West Nilus, San Juan
WAX, BEES—2 cs, Montebello, Shellburn
FLOOR—40 cs, Montebello, Shellburn
YEAST—1 pkg, Antigua, Puerto Armuelles

Clearance Dates

Abraham Lincoln, May 26; Anadara, May 26; Antigua, May 21; Bradburn, May 26; Brandanger, May 21; Damsterdijk, May 20; Heranger, May 23; Hidalgo, May 20; Knoxville City, May 22; Mactra, May 23; Mariposa, May 25; Montebello, May 25; Oregon, May 23; Pacific Enterprise, May 27; Portland, May 23; President Polk, May 22; Rosebank, May 22; San Pedro, May 21; Tatsuta, May 20; Taybank, May 25; Tulsagas, May 19; West Nilus, May 27

Savannah Exports

CHINA CLAY—200 bgs, Nora Maersk, Shanghai
OIL, ROSIN—10 dms, Nora Maersk, Osaka; 20 bbls, Culberson, Rio de Janeiro
ROSIN, GUM—(Sutherland) 4 bbls, Valparaiso; 50 bbls, Guayaquil; 50 bbls, Porto Colombia; 70 dms, Coquimbo; (Nora Maersk) 4,780 bbls, Yokohama; 200 bbls, Magoya; 500 bbls, Kobe; 1,546 bbls, Osaka; 250 bbls, Shankhai; 100 bbls, Hankow; 100 bbls, Manila; (Culberson) 100 bbls, 99 dms, Rio de Janeiro; 262 bbls, Santos; 155 cs, Porto Alegre; 1,200 bbls, Buenos Aires
WOOD—(Nora Maersk) 125 dms, Kobe; 100 bbls, Osaka; 100 dms, Shanghai; 135 dms, Manila; 50 dms, City of Dalhart, Manila
TURPENTINE, GUM—(Sutherland) 55 cs, Pisco; 10 cs, Salaverry; 10 cs, Pacasmayo; 15 cs, Pimentel; 48 cs, Callao; (Nora Maersk) 15 dms, 300 cs, Yokohama; 50 cs, Manila; (Culberson) 20 dms, 130 cs, Santos; 125 cs, Rio Grande do Sul; 55 cs, Porto Alegre; 250 cs, Buenos Aires
WOOD—(Nora Maersk) 40 dms, Osaka; 275 dms, Manila

Clearance Dates

City of Dalhart, June 4; Culberson, June 4; Nora Maersk, June 2; Sutherland, May 31

Tampa Exports

GASOLINE—6 dms, General Tosta, Belize
KEROSENE—6 dms, General Tosta, Belize
OIL, CITRUS—4 cs, Maiden Creek, London
FUEL—60 dms, General Tosta, Belize
LUBRICATING—1½ bbls, Susan A Moran, Barranquilla
PHOSPHATE—2,099 tons, Youngstown, Bremen; 1,998 tons, West Camak, Rotterdam; 6,927 tons, Erik Frisell, Antwerp
ROSIN—(Yselhaven) 14 bbls, Rotterdam; 137 bbls, Stockholm

Clearance Dates

Erik Frisell, May 25; General Tosta, May 27; Maiden Creek, May 23; Susan A Moran, May 29; West Camak, May 28; Youngstown, May 27; Yselhaven, May 29

Shipments Between Domestic Ports

Corpus Christi Coast Trade

PETROLEUM, CRUDE—74,417 bbls, Dungannon, Port Arthur; 66,846 bbls, Beta, Texas City; 74,919 bbls, George G Henry, Baytown; 74,025 bbls, Derbyline, Port Arthur; 47,610 bbls, Dannedaike, Texas City; 149,327 bbls, Wm Rockefeller, Baytown; 111,767 bbls, Fred W Weller, Baytown

Galveston Coast Trade

SULPHUR—600 tons, Point Caleta, Tacoma

Houston Coast Trade

GASOLINE — 78,000 bbls, Agwiworld, Los Angeles

Los Angeles Coast Trade

GASOLINE—72,022 bbls, Utacarbon, Seattle; 51,326 bbls, Kekoskee, San Francisco; 5,382 bbls, S & C No 2, San Diego; 39,490 bbls, Lebec, S F, Oakland; 5,790 bbls, La Purisima, Oleum; 3,306 bbls, S & C No 41, San Diego; 113,500 bbls, Comet, New York
KEROSENE—8,967 bbls, La Purisima, Oleum; 80,000 bbls, Dilworth, Sewaren
OIL, DIESEL—5,969 bbls, Utacarbon, Seattle; 7,060 bbls, Enudio, Seattle; 4,698 bbls, Kekoskee, San Francisco; 1,763 bbls, S & C No 41, San Diego; 2,294 bbls, Point San Pablo, Seattle
FUEL—61,623 bbls, Emidio, Seattle; 43,328 bbls, Lebec, S F-Oakland; 53,937 bbls, Kanawha, San Diego
FURNACE—2,919 bbls, Utacarbon, Seattle
PETROLEUM, CRUDE — 72,177 bbls, Los Angeles, Oleum; 34,477 bbls, La Purisima, Oleum
SOLVENT, CLEANING—4,365 bbls, La Purisima, Oleum

New Orleans Coast Trade

PAPRIKA—16 cs, Pawnee, Tampa

San Francisco Coast Trade

ACID, CARBOLIC—1 cs, American Star, Naknek
MURIATIC—2 cs, American Star, Naknek
SULPHURIC—10 carboys, Willsolo, Seattle
ALCOHOL—1 cs, American Star, Naknek
DENATURED—1 cs, American Star, Naknek
ALUMINUM SULPHATE—667 sks, Munami, Portland, Ore
100 tons, Carriso, Long View
667 sks, West Mahwah, Long View
400 cks, West Mahwah, Portland, Ore
AMMONIAC, SAL—2 cs, American Star, Naknek
APRICOT KERNELS—19 tons, Columbian, New York
ASPHALT—80 bbls, Point San Pedro, Seattle
LIQUID—29 tanks, American Star, Naknek
BAKING POWDER—9 cs, American Star, Naknek
BLACK, CARBON—36 cs, Lurline, Los Angeles
BLEACHING POWDER—2 dms, American Star, Naknek
BLUESTONE—2 bbls, American Star, Naknek
RESIDUE—28 dms, Carriso, Tacoma
CEMENT, FIRECLAY—5 sks, American Star, Naknek
FLOOR COVERING—2 cs, American Star, Naknek
HIGH TEMPERATURE—2 sks, American Star, Naknek
INSULATING—4 sks, American Star, Naknek
LIQUID—100 dms, Point San Pedro, Seattle
CHLORINE BLEACH, LIQUID—2 cs, American Star, Naknek
500 cs, Point San Pedro, Seattle
77 tons, Katrina Luckenbach, New Orleans
11 tons, Katrina Luckenbach, Mobile
CLAY, CALCINED—23 tons, Virginian, New York
CLEANER—24 cs, American Star, Naknek
COCONUT, DESIC—811 cs, Katrina Luckenbach, Houston
660 cs, Katrina Luckenbach, New Orleans
185 cs, Katrina Luckenbach, Mobile
666 cs, Virginian, New York
825 cs, Virginian, Boston
617 cs, Lewis Luckenbach, New York
600 cs, Lewis Luckenbach, Philadelphia
CRACKLINGS—900 cs, Nabesna, Seattle
CREAM TARTAR—12 tons, Virginian, Philadelphia
DENTIFRICE—14 tons, Virginian, New York
FISH MEAL—500 sks, West Mahwah, Portland, Ore
FLAVORING EXTRACT—1 cs, American Star, Naknek
GAS, WELDING—19 cyls, American Star, Naknek
GASOLINE—676 dms, 1,500 cs, American Star, Naknek
GLASS, WINDOW—10 cs, American Star, Naknek
GLUE, DRY—23 tons, Lewis Luckenbach, Philadelphia
40 tons, Lewis Luckenbach, Boston
GREASE, LUBRICATING—14 pls, 1 dm, American Star, Naknek
INK—1 cs, American Star, Washik
1 cs, American Star, Naknek
INSECTICIDE—1 carboy, American Star, Naknek
IRON OXIDE—40 tons, Lewis Luckenbach, New York
KEROSENE—130 cs, 13 dms, American Star, Naknek
LARD—14 cs, American Star, Naknek
26 tons, Virginian, Charleston
19 tons, Virginian, New York
SUBSTITUTE—12 cs, American Star, Naknek
VEGETABLE—334 cs, Katrina Luckenbach, Houston
1,898 cs, Katrina Luckenbach, New Orleans
LIME—2 dms, American Star, Naknek
LYE—2 cs, American Star, Naknek
MAGNESITE—38 tons, Lewis Luckenbach, New York
11 tons, Lewis Luckenbach, Boston
MATE, GRANULATED—760 sks, Carriso, Tacoma
MILK POWDER—16 tons, Katrina Luckenbach, New Orleans
MINERALS—800 sks, Munami, Portland, Ore
OIL—4,700 pkgs, Point San Pedro, Point Wells
750 tons, Carriso, Seattle
4,000 pkgs, Nabesna, Point Wells
COTTONSEED—19 cs, American Star, Naknek
DIESEL—109 dms, American Star, Naknek
EUCALYPTUS—2 dms, Lurline, Los Angeles
FISH—800 tons, Heffron, New York
1 cs, American Star, Naknek
LINSEED—6 dms, 5 cs, American Star, Naknek
LUBRICATING—6 pls, 26 dms, 21 cs, American Star, Naknek
14 tons, Katrina Luckenbach, New Orleans
15 tons, Virginian, New York
MINERAL, WHITE—11 cs, American Star, Naknek
MOTOR—22 cs, American Star, Naknek
PETROLEUM — 15 tons, Columbian, Port Newark
PETROLEUM, REF'D—127 cs, American Star, Naknek
PINE—1 dm, American Star, Naknek
SALAD—7 cs, American Star, Naknek
STOVE—597 dms, American Star, Naknek
TAR—1 dm, American Star, Naknek
TRANSFORMER — 1 cs, American Star, Naknek
OLEOMARGARIN—565 cs, Edward Luckenbach, Portland, Ore
OXYGEN—33 cyls, American Star, Naknek
PAINT—36 cs, 35 pls, 14 dms, 2 bbls, American Star, Naknek
500 pkgs, Point San Pedro, Seattle
600 pkgs, West Camargo, Portland, Ore
57 cs, Wilsolo, Seattle
DRY—5 cs, 5 pls, American Star, Naknek
OXIDE—1 cs, American Star, Naknek
REDUCING COMP—17 cs, Willsolo, Seattle
PASTE, ADHESIVE—18 pls, 7 hlf bbls, 2 dms, American Star, Naknek
PETROLEUM PRODUCTS—40 tons, Jacox, Seattle
PRUNE CONCENTRATE—18 tons, Columbian, Port Newark
PUTTY—5 cs, 2 bbls, American Star, Naknek
SAGE—1 bg, American Star, Naknek
SALT—1,770 sks, 20 cs, American Star, Naknek
500 pkgs, Point San Pedro, Tacoma
8,000 pkgs, Point San Pedro, Seattle
1,200 pkgs, Munami, Portland, Ore
2,000 pkgs, West Camargo, Portland, Ore
900 pkgs, Nabesna, Tacoma
7,000 pkgs, Nabesna, Seattle
16 tons, Jacox, Everett
15 tons, Jacox, Olympia
240 sks, West Mahwah, Astoria
3,300 sks, 100 bbls, West Mahwah, Portland, Ore
SAND—81 tons, Jacox, Seattle
SESAME SEED—118 sks, General Lee, Portland, Ore
SCOURING POWDER—2 cs, American Star, Naknek
SOAP—20 cs, American Star, Naknek
1,200 cs, West Camargo, Portland, Ore
900 cs, Nabesna, Seattle
15 tons, Jacox, Seattle
1,600 cs, West Mahwah, Portland, Ore
GRANULATED—5 cs, American Star, Naknek
LAUNDRY—46 cs, American Star, Naknek
POWDER—2 cs, American Star, Naknek
SCOURING—2 cs, American Star, Naknek
TOILET—6 cs, American Star, Naknek
SODA—40 tons, Jacox, Tacoma
BAKING—6 cs, American Star, Naknek
BICARBONATE — 2 cs, American Star, Naknek
CYANIDE, WHITE—9 dms, Willsolo, Seattle
SAL—10 sks, American Star, Naknek
SPEISS, COPPER—333 tons, Carriso, Tacoma
GRANULATED—1,385 sks, Carriso, Tacoma
SPRAY, TREE—125 dms, Munami, Portland, Ore
500 dms, West Camargo, Portland, Ore
2,400 cs, West Camargo, Portland, Ore
SULPHUR—300 sks, Point San Pedro, Seattle
TALLOW—1 dm, American Star, Naknek
TANNING EXTRACT—2 bbls, American Star, Naknek
TAPIOCA—2 sks, American Star, Naknek
TURPENTINE—10 cs, American Star, Naknek
XANTHATE—30 tons, Columbian, New York

Cargo Ship Arrivals

June 6 to June 19

New York

Alamar	Seattle*	June 19
Amapala	La Ceiba	June 12
American Eagle	Tacoma*	June 13
American Merchant	London*	June 15
American Shipper	Liverpool*	June 15
American Trader	London	June 8
American Traveler	San Francisco*	June 10
Andrea F. Luckenbach	Seattle*	June 16
Avuruoca	Santos*	June 16
Berengaria	Southampton*	June 16
Berlin	Bremen*	June 15
Black Eagle	Antwerp*	June 17
Black Tern	Antwerp	June 10
Blink	Hamburg	June 18
Boringuen	Trujillo*	June 8
Breedijk	Rotterdam	June 18
Bremen	Bremen*	June 12

Brynje	Vancouver*	June 12
Buenaventura	Port au Prince*	June 15
Calamar	Portland*	June 11
Canadian Scottish	Sydney*	June 11
Caracas	Puerto Cabello*	June 17
Castor	Puerto Plata*	June 11
Charles Christenson	Astoria*	June 12
Chimu	Pisco*	June 10
City of Birmingham	Calcutta	June 11
City of Flint	Liverpool*	June 12
Coamo	Trujillo*	June 15
Colombia	Cristobal*	June 8
Columbian	Portland*	June 12
Constance Chandler	Honolulu*	June 19
Cristobal	Cristobal*	June 8
Deutschland	Hamburg*	June 12
Executive	Tangier*	June 17
Exeter	Beirut*	June 10
Exhibitor	Piraeus*	June 15
Falcon	Curacao*	June 11
Felix Taussig	Seattle*	June 17
Flora	Maracaibo*	June 8
Fort Amherst	St John's*	June 18
Fort Townshend	St John's*	June 11
Gerolstein	Antwerp	June 18
Giulia	Trieste*	June 14
Golden Harvest	San Francisco*	June 10
Haiti	Cristobal*	June 15
Heffron	Longview*	June 11
Henri Jaspar	Antwerp	June 15
Hoegh Carrier	Dairen*	June 11
Ida	Trieste*	June 16
Ingria	Marseilles*	June 17
Ivar	Copenhagen	June 8
Kishacoquillas	Seattle*	June 10
Kolsnaren	Gothenburg*	June 10
Kota Radja	Batavia*	June 17
Levernbank	Iloilo*	June 15
Lewis Luckenbach	Portland*	June 14
Luna	Maracaibo*	June 15
M C Holm	Trinidad*	June 13
Makiki	Honolulu*	June 10
Manuela	San Juan	June 14
Martinique	Aux Cayes*	June 13
Mathura	Calcutta*	June 13
Montreal City	Bristol*	June 17
Munargo	Havana*	June 11
Musa	Puerto Barrios*	June 11
Nankai	Manila*	June 12
Nichiyo	Iloilo*	June 17
Normandie	Havre*	June 15
Ohioan	Portland*	June 17
Oranje Nassau	Curacao*	June 8
Oregonian	Seattle*	June 18
Oriente	Havana	June 12
Orizaba	Vera Cruz*	June 16
Pan America	Buenos Aires*	June 17
Panuco	Tampico*	June 14
Paraguayo	Montevideo*	June 9
Paula	Valparaiso*	June 10
Pipestone County	Bordeaux	June 10
Platano	Puerto Barrios*	June 18
Plow City	Seattle*	June 18
Polycarp	Para*	June 9
President Cleveland	Manila*	June 15
President Wilson	Manila*	June 16
Rosario	San Juan	June 8
Sandgate Castle	London	June 10
San Francisco	Manila*	June 18
San Jacinto	San Juan	June 9
San Juan	San Juan	June 16
San Simeon	Portland*	June 10
Santa Clara	San Antonio*	June 16
Santa Inez	Valparaiso*	June 9
Santa Rosa	San Francisco*	June 16
Sarcoxie	Dunkirk*	June 19
Scanstates	Gothenburg*	June 15
Scythia	Liverpool*	June 15
Seatrain Havana	New Orleans*	June 9
Seatrain New York	New Orleans*	June 16
Silvercypress	Batavia*	June 10
Simon Von Utrecht	Hernosand*	June 15
Steel Traveler	Warrenton*	June 8
Steel Voyager	Longview*	June 14
Svaneholm	Norrkoping*	June 12
Timber Rush	Port Angeles*	June 16
Toloa	Santa Marta*	June 10
Tuscaloosa	Kahului*	June 15
Ulistad	Huelva	June 16
Ulua	Santa Marta*	June 17
Veragua	Port Limon*	June 14
Victoria	Manila*	June 15
Virginian	Seattle*	June 14
West Cawthon	Port Natal*	June 12
West Selene	Buenos Aires*	June 13
Western Prince	Buenos Aires*	June 10
Willkeno	Seattle*	June 10
Yucatan	Vera Cruz*	June 9
Zarembo	Pointe Noire*	June 15

* And other ports

Recent Charters

PETROLEUM—14,000 tons, S S Marina, clean, Aruba or Curacao, United Kingdom, Continent, 12s 3d; June-July

5,500 tons, S S Emmy Friederich, gas, fuel, Batoum, Sunderland and Preston, 16s; June

9,000 tons, S S Dageid, clean, Abadan, Mediterranean, 20s; United Kingdom, Continent, 22s; Scandinavia, 23s; September 1-20

13,000 tons, tanker ——, crude, Bahrein, Antwerp, 23s; July 4-15

9,000 tons, S S Vivi, clean, Aruba, Curacao, United Kingdom, 12s 3d; July

13,000 tons, S S Hilda Knudsen, dirty, Haifa, France, 10s 3d; June

8,000 tons, S S Vallejo, clean, Aruba, Curacao, United Kingdom, Continent, 12s 3d; June

11,500 tons, S S Morgensen, dirty, Tampico, United Kingdom, Continent, 14s 3d; June-July

7,500 tons, S S Elsa, clean, Constanza, French Atlantic, 13s 3d; July 1-15

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended June 10

Anise, 25 bags; filthy.

Codliver oil, 222 drums; not U.S.P.

Medicinal preparations, 8 cases; false therapeutic claims.

Quinine sulphate, 26 cases; not u.s.p.

Rhubarb root powder, 13 bags; not U.S.P.

Stramonium, 43 bales; not U.S.P.

Baltimore

Week Ended June 10

Medicinal preparation, 1 package; false therapeutic claims; alcohol not declared.

Los Angeles

Week Ended May 28

Medicinal preparations, 42 pieces; false therapeutic claims.

San Francisco

Two Weeks Ended June 4

Medicinal preparations, 80 pieces; false therapeutic claims.

Calcium arsenate, 1,000 drums; misbranded under I. & F. Act.

Sesame seed, 2,400 bags; filthy.

Seattle

Week Ended June 4

Medicinal preparations, 7 pieces; potentially dangerous to health.

Medicinal preparations, 5 pieces; false therapeutic claims.

N.F.A. to Revise Open Price-Filing

(Continued from page 35)

AAA Opportunities

Soil erosion, with its destructive effects on agriculture, starts when the land is continuously depleted by overcropping without restoration of its fertility, said Prof. J. F. Cox, chief of the replacement crops section of the division of soil program planning of the Agricultural Adjustment Administration. He said that disregard of the needs of the soil over the past 300 years had utterly ruined 50,000,000 acres, seriously damaged as many more, impaired the value of another 100,000,000 acres, and started erosion on still another 100,000,000 acres.

The wise use of fertilizers and lime would be beneficial on the last two groups, Dr. Cox said, and he saw opportunities for the fertilizer industry in the offering of awards for the application of plantfood under specified conditions of the program under the soil conservation and domestic allotment act. Restoration of fertility, as well as conservation, by crop rotation and by the use of fertilizers would be coupled with a sort of voluntary crop control, as he saw the program. He expected that more than the 3,000,000 farmers who had joined in the old AAA control program would cooperate in the newer scheme. This he said, would mean a large use of lime and phosphate this year and, with an early start, an increased use of complete fertilizers next year.

John B. Abbott, agronomist for the American Cyanamid Company, interpreted the possibilities of the current AAA program in terms of fertilizer tonnage. He paid particular attention to the fertilization of pasture lands and painted a clear picture of the need for maintaining fertility on such areas. By means of lantern slides of charts and photographs he showed the tangible effects of various plantfood combinations on pasture lands, making the point that the suggested use of phosphate or lime would not be adequate, and he urged that the use of potash and nitrogen be promoted.

As Mr. Abbott saw the pasture-land possibilities, there was in the latter part of this year and early in the next a new market for between 750,000 and 1,000,000 tons of plantfoods in the Northeastern, North Central, and East Central regions. This market would not bring buyers to the manufacturer's doors. It required vigorous sales promotion, he declared, but it would be worth while, and, he concluded: "There are no lions in the road."

W. E. Barret, of the Richmond Guano Company, presented a report of memorials for deceased members of the industry. Particular tribute was paid to the memory of C. T. Melvin, elected president of the association last year, who died on the eve of the Southern convention.

Mr. Barret's report, which was read while the convention stood, comprised twenty-nine persons closely connected with the industry and eleven others in related fields.

Directors Elected

In the convention the members of the association elected the following to fill expiring terms and other vacancies on the board of directors:—

District 1, Evan H. Jones, of the Apothecaries Hall Company, Waterbury, Conn.; district 4, R. C. Adams, of the Robeson Manufacturing Company, Lumberton, N. C.; district 5, Bachman Smith, of the Maybank Fertilizer Company, Charleston, S. C.; district 8, M. R. Hallman, of the Southern Cotton Oil Company, Montgomery, Ala., J. W. Dean, of the Knoxville Fertilizer Company, Knoxville, Tenn., and W. L. Waring, jr., of the Lyons Fertilizer Company, Tampa; district 9, P. H. Manire, of the Marshall Cotton Oil Company, Marshall, Texas; district 10, W. B. Norris, of the Norris Fertilizer Company, Rushville, Ind.

At large, Bayless W. Haynes, of the Wilson & Toomer Fertilizer Company, Jacksonville; W. T. Wright, of the F. S. Royster Guano Company, Norfolk; A. C. Read, of the Read Phosphate Company, Savannah; L. W. Rowell, of Swift & Co. Fertilizer Works, Chicago.

The following district directors for the 1937 and 1938 terms who had been nominated by the members from the districts were elected on motion of the chairman of the nominating committee:—

1937—District 1, L. E. Britton, of the Consolidated Rendering Company, Boston; district 2, J. S. Coale, of the D. P. Thomas & Son Company, Camden, N. J.; district 3, W. E. Valliant, of the Dorchester Fertilizer Company, Baltimore; district 4, O. F. Smith, of the Smith-Douglass Company, Norfolk; district 5, J. Ross Hanrahan, of the Planters Fertilizer & Phosphate Company, Charleston, S. C.; district 6, E. R. Hodgson, of the Empire State Chemical Company, Athens, Ga.; district 12, Weller Noble, of the Pacific Guano & Fertilizer Company, Los Angeles.

1938—District 2, L. H. Carter, of the American Agricultural Chemical Company, New York; district 3, George A. Whiting, of the Standard Wholesale Phosphate & Guano Company, Baltimore; district 6, A. D. Strobhar, of the Southern Fertilizer & Chemical Company, Savannah; district 7, Ray B. Trueman, of the Trueman Fertilizer Company, Jacksonville; district 8, A. A. Green, of the Jackson Fertilizer Company, Jackson, Miss.; district 9, C. D. Shallenberger, of the Shreveport Fertilizer Works, Shreveport, La.; district 10, S. F. Elwood, of the Farmers Fertilizer Company, Columbus, Ohio; district 11, M. C. Taylor, of the Magnolia Fertilizer Company, Seattle, Wash.

The Entertainments

The entertainment side of the convention was pleasantly developed. Golf was the major feature, and there was a tournament on each of the three convention days. The ladies were entertained at bridge, and they had also a putting contest. There was dancing each evening. And, of course, the many recreation facilities of the resort were widely enjoyed.

The Annual Dinner

The annual dinner was served in the evening of June 9. Charles S. Rauh, of the E. Rauh & Sons Company, Indianapolis, was a merry toastmaster, and the date being his birthday, he was appropriately complimented. A number of honorary guests were presented and pleasantly greeted.

At the conclusion of the dinner, a sound film, "The Plow That Broke the Plains," was shown through the courtesy of the Resettlement Administration. This was an enlightening presentation of the destructive consequences of unregulated agricultural practices.

A delightful vocal contribution of six numbers was given by Lydia Wheeler Baskin, Orlando, Fla., accompanied by Miss Vera Howe, Scarsdale, N. Y. The pleasure given by this home talent feature led to the expression of a purpose to develop it further at the dinners in the future.

Golf Winners

To the winners in the many events in the several golf tournaments the attractive prizes were awarded as follows:—

June 8

Medal handicap, winner, J. A. Baggs; runner-up, W. L. Gay.

Match play against par, winner, J. J. Summerall; runner-up, J. A. Miller.

Tombstone handicap, winner, W. A. Webster; runner-up, J. W. Hansen.

Low gross, winner, E. H. Ludington; runner-up, Weller Noble.

June 9

Medal handicap, winner, G. V. Savitz; runner up, Tracy Cunningham.

Match play against par, winner, M. N. Crady; runner up, H. B. Baylor.

Veterans' medal handicap, winner, Evan H. Jones; runner up, W. Dewey Cooke.

Kickers' handican, winner, F. J. Woods; runner up, A. A. Holmes.

Low gross, winner, H. R. Wemple; runner up, A. B. Baker.

June 10

Medal handicap, winner, L. E. Britton; runner up, M. W. Whipple.

Match play against par, winner, Edward Ryland; runner up, R. W. McC'ellan.

Kickers handicap, winner, L. P. Woods; runner up, C. S. Rauh.

Low gross, winner, Western Logan; runner up, B. A. Crady.

Ladies' Putting

In the ladies' putting contest the winners were:—

Golfers, winner, Miss Harriet Westlake; runners up, Mrs. Roy King and Mrs. Walter Crady.

Nongolfers, winner, Mrs. H. M. Albright; runner up, Mrs. Oskar Smith.

Fertilizer Materials

Sulphur and Pyrites

(Continued from page 58)

unground, suitable for feeding, 10 to 12 percent, extra good, $2.80 to $3 and 10c.; 7 to 9 percent, $3 to $3.25 and 10c.

TANKAGE.—High grade, ground, $2.40 to $2.50 and 10c.; low grade tankage, $15 to $15.50 per ton, Middle West; liquid stick, $2 to $2.25; hoof meal, $2.40 to $2.50.

BONE MATERIALS.—Ground, steamed bone, 1¼ percent ammonia and 60 percent phosphate, $16 to $17; 3 and 50 percent, $18 to $19; 4½ and 50 percent, $21 to $25; grinding hoofs, pigs' toes and waste horn materials, $18 to $19; junk and hotel kitchen bones, $16 to $18; cattle jaws, skulls and knuckles, $24 to $25; pork cracklings, soft pressed, $35 to $40; beef cracklings, soft pressed, $30 to $37.50; hard pressed cracklings, per unit of protein, 62½c. to 67½c.

San Francisco, June 8.—Trading in new season fish meal opened up last week, according to reliable information in the trade here, when a large block of California material went into the market at a figure close to $32 per ton, Pacific Coast. Lawful production of meal will start after August first in this territory. Meantime, other divisions of this market remain quiet. Old season fish meal is stiffly held and has become scarce. Tankage and blood are receiving a little interest. Chemicals, such as sulphate of ammonia and calcium nitrate are not talked about much, the trade not being interested at the moment, other than in small resale transactions. The marekt as a whole is a steady affair.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $27.50 per ton; 200-pound bags, $26.80; bulk lots, $25.50 per ton, all ex vessel San Francisco/Oakland.

AMMONIA PHOSPHATE.—Quoted at $38.50 per ton, single bags; $39 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A.

SULPHATE OF AMMONIA.—Quoted at $29.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles harbar, and $30.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county; latter points, $31.50.

SUPERPHOSPHATE.—Domestic quoted nominally at 70c. to 75c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor; bags, 80c. to 85c. per unit; foreign, 80c. per unit in bags, c.i.f.

FISH MEALS.—California sardine meal quoted at $42 per ton, f.o.b. San Francisco in cars for prompt shipment, with new season material for delivery after August at $32 to $34. Japanese sardine meal spot, quoted at $34 per ton, with June-July shipment from the Orient quoted at $32.50 per ton, c.i.f. Pacific Coast.

TANKAGE.—Local packing house tankage, ground, quoted at $2.85 and 10c. per unit-ton, f.o.b. cars, Los Angeles, prompt shipment, San Francisco, $2.60 and 10c. Argentine ground tankage quoted nominally at $2.85 and 10c., c.i.f. Pacific Coast ports. Dry rendered, domestic ground, quoted at 70c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 50c. per unit.

BONE MEAL.—Domestic steamed, 1 percent and 70 percent, quoted at $24.50 per ton, delivered Pacific Coast ports. Semi-raw, part steamed, 4½ percent and 50 percent, quoted at $24 per ton, delivered Pacific Coast ports. Raw Argentine meal nominal.

BLOOD MEAL.—Domestic quoted at $2.65 per unit, prompt shipment, f.o.b. cars, Los Angeles, and $2.50 San Francisco. Argentine and New Zealand meal quoted at $2.60, nominally, c.i.f. Pacific Coast.

Oils, Fats and Waxes

Fatty Acids

(Continued from page 45)

7c., barrels, less than car lots; coconut oil, acidulated, 6c. to 6¼c. per pound, tankcar, mostly nominal; 6½c. to 6¾c., barrels, car lots; 6c. to 6¼c., barrels, car lots; cottonseed oil, double distilled, 5¼c. to 5½c., tankcar; 5¾c. to 6c., barrels, car lots; 6¼c. to 6½c., barrels, car lots; settled cottonseed soap stock, 60-62 percent basis, 3c. to 3¼c.; boiled down soap stock, 65 percent basis, 3¾c. to 4c.; cottonseed foots, 50 percent basis, 1⅛c. to 1⅜c.

STEARIC ACID.—Single press, 8c. to 9c. per pound; double press, 8½c. to 9½c.; triple press, 11¼c. to 12¼c.

RED OILS.—Distilled or saponified, tanks, 7¾c. per pound; drums, 8½c. to 8⅝c.

Waxes

Bees.—Business continued to be very good and the sustained movement into production was productive of firm prices and an absence of excessive competition. Production of bleached beeswax has been hampered in this area by not entirely favorable weather but when the total is made at the end of the Summer it is expected that supplies to meet requirements during the year ahead will be in fair shape.

Candelilla.—Prices were unchanged but they lacked much in the way of support. Buyers' requirements were moderate and showed no tendency toward expansion. Supplies seemed to be ample.

Carnauba.—Although prices in Brazil held firm and lacked sign of even pending unsettlement, those on the spot were easier, lower and competitive to a degree which dealers said made it almost impossible for them to make any money. To a considerable extent spot quotations were close to being nominal as it required firm orders in hand to disclose just how low some sellers with surplus stocks would go in order to reduce their holdings. Open quotations made last week were as follows:—No. 1 yellow, 1 ton lots, 44c. to 44½c. per pound; 5 bag lots, 44¼c. to 45c.; 1 bag lots, 45c. to 45½c.; No. 2 yellow, 4°c. to 43c., according to quantity; No. 2 North Country, 36c. to 37c. as to quantity; No. 3 chalky and No. 3 North Country, 1 ton lots, 34c. to 34½c.; 5 bag lots, 34½c. to 35c.; 1 bag lots, 35c. to 35½c.; refined, 38c. to 39c. as to quantity.

Japan.—A fair sized amount of jobbing orders reached here during the week and the market held in fairly steady position notwithstanding the continued presence of active competition. Quotations continued to prevail at 8¼c. to 8¾c. per pound, according to quantity taken, on delivery.

Soybean oil is being used as an ingredient of motor fuel in China. A fuel mixture, with which the South Manchuria Railway is said to be experimenting, contains 60 percent of soybean oil.

Business Opportunities—Classified

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words.

Payable in advance at 12 Gold Street, New York

Agencies Wanted

SALES REPRESENTATIVE, established New York office, contacting petroleum companies refineries Northeastern United States, Eastern Canada, desires secure noncompeting accounts reputable domestic or foreign manufacturers or importers chemicals used petroleum industry. Also interested materials used other major industries view to developing markets. BOX 458, Oil, Paint and Drug Reporter.

SALES DIRECTOR, extensive coast-to-coast contacts, interested in obtaining connection for sale of raw materials required in formulation of standard accepted types of surface products. Commercially equipped to negotiate large accounts through long familiarity with purchase and sales ramifications. Compensation secondary motive. Attractive, but difficult, selling proposition on mutual contingency basis very attractive. BOX 469, Oil, Paint and Drug Reporter.

Agents Wanted

DIRECT IMPORTERS of chemicals and raw materials, open to appoint agents, invite correspondence from established sales organizations in consuming centers. BOX 441, Oil, Paint and Drug Reporter.

Business Offered

FOR SALE—Small established paint and varnish manufacturing business in New York city, about $5,000 cash required. Balance liberal terms. BOX 460, Oil, Paint and Drug Reporter.

FOR SALE—A paint, hardware and wallpaper business located in a thriving city in the State of Maine. Business established about ten years ago. To purchase outright, it would require an investment of approximately $10,000. Owner would consider selling the business as a whole, or the controlling interest to an acceptable buyer. BOX 463, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—Five Day 800-pound dry mixers, Schutz O'Neill 20-inch limited mill, Day rapid sifter No. 3, Kent 8-inch motor-driven stone mill. BOX 434, Oil, Paint and Drug Reporter.

REAL BUY in two hundred gallon per hour continuous vacuum still. This has been thoroughly rebuilt, is guaranteed to be in first class condition, can not be beat for distilling either gasoline or heavy solvents. If you are looking for a real still get in touch with us promptly. The Schwab Machinery & Supply Company, Toledo, Ohio.

Equipment Offered

FOR SALE—800 tons bone char. Liquidation of all machinery and equipment of the Spreckels Sugar Refinery, including: six Vallez No. 4 filters; twenty-six Shriver 32 inch by 32 inch filter presses; sixty bronze basket centrifugals; seven Oat & Sons vacuum pans, copper coils; one Swenson and one Oat triple effect evaporators; one Oat quadruple effect evaporator; ten Hersey rotary dryers, 6 feet by 23 feet and 6 feet by 30 feet; thousands of tons of cast iron and steel pipe and fittings, ⅛ inch to 24 inch; two hundred motors from ¼ to 75 H.P.; complete chemical and research laboratory with complete library. Miscellaneous: vacuum centrifugal and steam pumps, compressors, engines, boilers, generator sets, blowers, packaging machinery, electrical trucks, screens, scales, tanks conveyors, bucket elevators, etc. Send for 32-page catalogue. Address all inquiries to Consolidated Products-Spreckels Liquidation, Yonkers, New York—Telephone Yonkers 2400.

FIND WHAT you want right in New York City. Pony-mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms Harvey Equipment Co., 123 Bleecker street. Spring 7-8955.

REMOVAL SALE of equipment from our Jersey City warehouses. Send for free 16-page booklet with prices. We also feature complete rebuilt line of oil, paint, drug machinery at our New York city warehouse and shops. Stein-Brill Corporation, 183 Varick street, New York, N. Y.

PEBBLE MILLS, 25 and 60 gallons' capacity; some jacketed, rebuilt with new linings, guaranteed; vacuum pumps, dry, wet, steam belt and ejector type. Edw. W. Lawler, Inc., Durham avenue and L.V.R.R., Metuchen, N. J.

FOR SALE—650-gal. square Inconel tank, polished inside; 12 used copper varnish kettles and trucks; 1 steel kettle and truck, copper and aluminum jacketed kettles. Mandoni Bros., 260 Custer avenue, Jersey City, N. J.

FOR SALE—One Bell motor, 20 HP, and one G.E. starting compensation box, 20 HP, both used, but in good condition. If interested communicate with BOX 467, Oil, Paint and Drug Reporter.

Factories Offered

MODERN FACTORY—Two-story and basement, brick, 50x100, windows on three sides, railroad siding adjacent to building, main floor truck level high, elevator, yard space. Unrestricted district Brooklyn. The R. L. Kraft Company, Woolworth building. Cort 7-9377.

Materials Offered

SAW PALMETTO BERRIES. A. B. Wilkinson, Edgewater, Fla.

ENAMELINER—A novel, unique and valuable product. Gives thickest paint coating on steel ever attained. Remarkable resistance to moisture, chemicals, and hot water. Dries in 30 seconds. Nonexplosive vapor. Black, glossy, imperishable. Sole Mfrs. W. A. Briggs Bitumen Co., 3303 Richmond street, Philadelphia, and 15 Moore street, New York.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 470, Oil, Paint and Drug Reporter.

Positions Vacant

WANTED: Commission salesman contacting paint trade and furniture manufacturers, desiring to represent shellac bleacher in the sale high-grade shellac varnish. Following territories available: New York City, New Jersey, Eastern Pennsylvania, Ohio, Kentucky, West Virginia and all States west of the Mississippi (St. Louis, Mo., excepted). BOX 430, Oil, Paint and Drug Reporter.

Positions Wanted

GRADUATE CHEMIST with laboratory and plant experience wants position in textile or chemical field. BOX 394, Oil, Paint and Drug Reporter.

CAPABLE SANITARY chemical specialist—12 years' experience manufacturing disinfectants, insecticides, soaps, polishes, cleaning compounds, etc., desires position as superintendent or chemist. Single, age 42, B.S. Available at once. BOX 446, Oil, Paint and Drug Reporter.

CAPABLE CHEMIST (B.S.) with years of experience manufacturing and analyzing lubricating greases, disinfectants, insecticides, soaps, deodorants, cleansers, etc., desires active partnership in well established consulting and analytical laboratory. BOX 447, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST with extended experience in cosmetics, medicinal preparations, soil chemistry and textile work. BOX 464, Oil, Paint and Drug Reporter.

Positions Wanted

EXECUTIVE CHEMIST and chemical engineer, American, former consultant, now employed as development director, seeks wider opportunity for demonstrated business-building capacity. Very broad experience in research, development and production with sales and sales-service work. Extensive patent record, patent, legal and contract experience. High managerial skill. Linguist. Direct and unusually diversified experience in chemical and allied lines such as cellulose industries, textiles, ceramics, paints, oils, leather, rubber, building materials, naval stores, adhesives, colloids, foods, biologicals and, also, many minor fields. Very highest references for capacity and for personal integrity. BOX 459, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER, broad experience, formulation and application nitrocellulose solutions, reclaiming film scrap and smokeless powder; designing and operating solvent recovery and distillation systems; thorough knowledge of process economics (now employed), desires larger responsibilities with progressive concern. BOX 462, Oil, Paint and Drug Reporter.

PRODUCTION CHEMIST — B. S. in chemistry (1932), 4 years' experience managing production pharmaceutical plants. Stock control; filling, packing problems; cutting costs, etc. Also manufacturing and analytical knowledge. Single; $2,000 yearly. Metropolitan area preferable. BOX 457, Oil, Paint and Drug Reporter.

ANALYTICAL CHEMIST, with two years' training in organic research. BOX 465, Oil, Paint and Drug Reporter.

MANUFACTURING ORGANIC chemist, with thorough experience in making citric and tartaric acids, tartrates, phenolphthalein, and raw materials for that work. BOX 466, Oil, Paint and Drug Reporter.

PAINT and varnish salesman of many years experience, with following among dealers and industrial trade in metropolitan area; will consider making change to a reliable firm manufacturing a full line. BOX 468, Oil, Paint and Drug Reporter.

Surplus Stock

CHECK INVENTORIES—Cash for any quantity surplus finished or raw material—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, waste and by-product. Entire plants bought. Chemical Service Corp., 101A East 19th street, New York. STuyvesant 9-0134.

REBUILT MACHINERY

SELECTED ITEMS

20—Pebble Mills, including 6—50 gal. porcelain lined, 8—200 gal. burrstone lined, with roller bearings, 1—500 gal.
1—Stokes Rotary "DD" Tablet Machine.
5—Colton, Stokes & Mulford Tablet Machines, ½" to 2" dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—26" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
3—12x30 watercooled Roller Mills, one with roller bearings.
2—Day 12x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
2—700 gal. Duriron Jack. Kettles, closed.
1—400 H.P. B. & W. Boiler, A.S.M.E. 200 lbs.
3—W. & P. Jack. Mixers, 100 gals., heatable sigma blades.
3—W. & P. Jack. Mixers, 200 gals., power tilting.
25—Filter Presses, 6" to 42" size.
1—J. P. Devine Double Drum Dryer, 4'x9'.

Miscellaneous: Dryers; Mixers; Fillers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

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BARGAIN SPECIALS

Lehman and National 3 roll Roller Mills, horizontal and vertical type.
National 5 roll Roller Mills.
Robinson 16-inch motor driven attrition mill.
Drug Mills, putty chasers, melangeurs, also a complete stock of rebuilt guaranteed machinery.

Write or Wire Collect For Prices and Information

UNION STANDARD EQUIPMENT CO.
318 Lafayette Street, New York, N. Y.

Bids and Awards

Bids Wanted

Paint and Varnish

(Continued from page 54)

Treasury Department, Washington

Bids are wanted by June 19, procurement 1417, by the Resettlement Purchase Section, Treasury Department, Washington, for 3,487 pounds of casein powder for making cold water paint, 175 pounds of dry powder for making cement water paint, for Libertyville, Ill.

U. S. Engineers, Huntington, W. Va.

Bids are wanted by June 19, circular 246, by the U. S. Engineer Office, Huntington, W. Va., for 294 gallons of aluminum paint, 9 gallons of aluminum paint; exterior paints, concrete floor paints, white lead in oil, enamel, varnish and varnish remover.

Veterans' Administration, Washington

Bids are wanted by June 22, procurement 637-M, by the Procurement Division, Veterans Administration, Washington, for 144 quarts of shellac varnish for Chicago, 300 quarts of shellac varnish for Perry Point, 108 ½-gallon containers of water resisting spar varnish for Chicago, and 144 ½-gallon containers of water resisting spar varnish for Perry Point.

Panama Canal, Washington

Bids are wanted by June 18, schedule 3153, by the General Purchasing Officer, Panama Canal, Washington, for 72 gallons of red enamel, 600 quarts of pigmented enamel, 100 gallons of red primer, 200,000 pounds of white lead pigment, 50,000 pounds of red lead, 5,000 pounds of chrome yellow, 10,000 pounds of metallic brown, 5,000 pounds of metallic brown, 2,000 gallons of spar mixing varnish, 3,000 gallons of turpentine, 3,000 gallons of turpentine, 10,000 gallons of rust preventive compound.

Petroleum Solvent

Commanding Officer, Rock Island Arsenal

Bids are wanted by June 22, circular 673, by the Commanding Officer, Rock Island Arsenal, Ill., for 15,000 gallons of petroleum solvent.

Phenolic Materials

Signal Corps Laboratories, Fort Monmouth

Bids are wanted by June 18, circular 30, by the Signal Property Officer, Signal Corps Laboratories, Fort Monmouth, Oceanport, N. J., for 60 items of laminated phenolic materials.

Propane Gas

U. S. Engineers, Omaha

Bids are wanted by June 16, circular 555, by the U. S. Engineer Office, City National Bank Building, Omaha, Neb., for liquefied compressed propane gas in steel cylinders as required for one year.

Rosin

Panama Canal, Washington

Bids are wanted by June 18, schedule 3153, by the General Purchasing Officer, Panama Canal, Washington, for 2,000 pounds of gum rosin.

Spices and Flavorings

Navy Department, Washington

Bids are wanted by June 23, schedule 8142, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 448 quarts of lemon flavor for Sewall's Point, 720 quarts of lemon flavor for Mare Island and Puget Sound, 2,400 quarts of imitation vanilla flavor for East rn yards, and 7,912 quarts of imitation vanilla flavor for Mare Island and Puget Sound.

Titanium Pigment

Navy Department, Washington

Bids are wanted by June 19, schedule 8070, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 80,000 pounds of titanium pigment, for eastern or western yard.

Varnish Oil

Navy Department, Washington

Bids are wanted by June 19, schedule 8114, by the Bureau of Supplies and Accounts, Navy Department, Washington, for 250,000 pounds of varnish oil.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Linseed cakes, for cattle feed:—Purchase, Glasgow, Scotland (953).
Rosin, powdered or lump:—Agency, Helsinki, Finland (981).
Soaps, toilet:—Purchase and agency, London, England (955).
Sulphur, crude, in lumps:—Purchase and agency, Rio de Janeiro, Brazil (949).
Toilet articles:—Purchase and agency, London, England (955).
Toilet preparations and perfumes:—Purchase and agency, London, England (955).

Disney Bill Reported Favorably

WASHINGTON, June 8, 1936.

The House committee on ways and means today reported favorably the Disney bill (H. R. 10483) to limit petroleum imports and raise excise taxes on oil, as Representative Wesley E. Disney of Oklahma, sponsor of the bill, asked the rules committee for a special rule for consideration of the measure. Despite these developments, however, interested members of Congress feared the bill will not reach a vote before the end of the session.

Pure Oil Company Calls $2,500,000

The Pure Oil Company has called for payment July 1, at 102½ and interest, $2,500,000 of its 4½ percent notes, due July 1, 1950, at the Chase National Bank, this city, or the City National Bank & Trust Company, Chicago.

Alphabetical Index to Advertisements

Advance Solvents & Chemical Corp. —
Alexander, Jerome 58
Allied Industrial Alcohol Corp. —
American British Chemical Supplies, Inc. —
American Can Co. —
American Chemical Products Co. —
American Chlorophyll, Inc. 44
American Commercial Alcohol Corp. —
American Cyanamid & Chemical Co. 30
American Distilling Corp. —
American Flange & Mfg. Co. 42
American Fluoride Corp. 26
American Potash & Chemical Corp. 50
Anaconda Lead Products Co. —
Anderson-Prichard Oil Co. 56
Apex Chemical Co., Inc. 50
Atlantic Refining Co. —
Atlantic White Sea & Baltic Co., Inc. 47
Aue, F., & Co., Inc. —
Austin Co. —

Baker, J. T., Chemical Co. 46
Barber Asphalt Co. —
Barclay Chemical Co., Inc. 25
Barium Reduction Corp. 25
Barrett Co. 31, 57
Beck, Koller & Co., Inc. —
Becker, Moore & Co., Inc. 38
Bemis Bro. Bag Co. 38
Benckiser, Joh. A. 48
Benzol Products Co. —
Bernard & Thorner 58
Binney & Smith Co. 39
Bradley, A. J., Mfg. Co. 38
Brazil Wood Oil Corp. 43
Brode Corp., The 44
Bromund, E. A., & Co. 45
Bruecke, Albert H. 38
Bureau of Chem., N. Y. Produce Exchange 58
Bush, W. J., & Co., Inc. —

Calco Chemical Co., Inc. 67
California Fruit Growers Exchange 48
Carbide & Carbon Chemical Corp. 3
Carey, The Philip Co. —
Cawood, Richard L., Co. 40
Chase Bag Co. 68
Chemical Solvents, C. P., Inc. 68
Chilean Nitrate Sales Corp. 57
Church & Dwight Co. 68
Cliffs-Dow Chemical Co. 1
Collsol Research Laboratory 58
Colton, Arthur, Co. 38
Commercial Solvents Corp. —
Consolidated Products Co. 66
Continental Can Co. 10

Darling & Co. 45
Deep Rock Oil Corp. —
Diamond Alkali Co. 27
Dodge & Olcott Co. —
Doggett, Stanley, Inc. —
Dow Chemical Co. 49
Draper Mfg. Co. 68
Drury, A. C., & Co., Inc. 26
Dunkel, Paul A., & Co., Inc. 51
DuPont de Nemours, E. I., & Co. 1

Eagle Picher Lead Co. —
Eastman Kodak Co. —
Ehrmann-Strauss Co. 50
Ekroth Laboratories 58
Electro Bleaching Gas Co. —
Emery Industries, Inc. —
Empire Distilling Corp. 5
Eureka Machine Co. 44

Falk & Co. 44
Fezandie & Sperrle 35
Fischbeck, Chas., & Co., Inc. 54
Fluorine Products 29
Franks Chemical Products Co. —
Fritzsche Bros., Inc. 53, 55

General American Tank Storage Co., Inc. 43
General Carbon & Chemical Corp. —
General Chemical Co., Inc. 28
General Dyestuff Co. —
General Electric Co. —
General Plastics, Inc. —
Givaudan-Delawanna, Inc. —
Glyco Products Co. 33
Gogarty, H. A., Inc. 60
Grasselli Chemical Co. 24
Gray, William S., & Co. 1
Gray Industrial Laboratories 58
Greeff, R. W., & Co., Inc. 1
Gross, A., & Co. 43
Gruman, J. B., Co. 60
Gulf Refining Co. —
Gunn, Frank R. 58

Hammond, W. A. 26
Hammond Paint & Chemical Co. —
Harshaw Chemical Co. —
Heekin Can Co. —
Heyden Chemical Corp. 47
Hochstadter Laboratories, Inc. 58
Hopkins, J. L., & Co. 51
Horn-Jefferys & Co. —
Huber, F., & Co., Inc. 51
Huisking, Chas. L., & Co., Inc. —
Hutchinson, D. W., & Co., Inc. 53

Imperial Color Works Inc. 39
Imperial Oil & Gas Products Co. —
Independent Mfg. Co. —
Innis Speiden & Co. 52
International Pulp Co. —
Irvington Smelting & Refining Works 25

Jackson, L. N., & Co., Inc. 44
Jones & Laughlin Steel Corp. 32
Jungmann & Co., Inc. 25

Kapper, Frederick P., & Co. —
Kellogg, Spencer & Sons Sales Corp. —
Kentucky Color & Chemical Co. 38
Kessler Chemical Corp. —
Knight, B. H. 58
Koppers Products Co. 32
Krebs Pigment & Color Corp. —

Laning, E. M., & Co., Inc. 58
LaWall & Harrisson 58
Lewis, John D., & Co. 37
Lueders, Geo., & Co. 53

Magnetic Pigment Co. —
Magnus, Mabee & Reynard, Inc. 53
Mallinckrodt Chemical Works, Inc. —
Mathieson Alkali Works, Inc. —
McCormick & Co., Inc. 51
McLaughlin, Gormley, King Co. 55
McNulty, Jos. A. 37
Mechling Bros. Chemical Co. 26
Merck & Co., Inc. 18
Metasap Chemical Co. 37
Meurer Steel Barrel Co. —
Miel, George A. 58
Minnesota Specialty Co. 40
Monsanto Chemical Co. —
Murray & Nickell Mfg. Co. 51
Mutual Chemical Co. 34

National Ammonia Co. 1
National Aniline & Chemical Co. —
National Lead Co. —
National Milk Sugar Co., Inc. 50
National Rosin, Oil & Size Co. 38
Natural Products Refining Co. 1
Neuberg, William, Inc. 48
Neville Co. —
New Jersey Zinc Co. 41
New York Quinine & Chemical Works, Inc. 22
Niacet Chemicals Corp. 35
Niagara Alkali Corp. 14
Nichols Copper Co. —
Northwestern Chemical Co. 54
N. V. Potash Export My. Inc. —

Orbis Products Corp. 54
Orthmann Laboratories, Inc. 58
Osborn, C. J., & Co. 37

Pacific Coast Borax Co. 1
Pacific Food & Drug Laboratories, Inc. 58
Pacific Vegetable Oil Co. 38
Parsons, M. W. 38
Pease Laboratories 58
Peek & Velsor, Inc. 51
Penick, S. B., & Co. 50
Pennsylvania Refining Co. 55
Pennsylvania Salt Mfg. Co. 29
Pfaltz & Bauer 25
Pfizer, Chas., & Co. —
Pittsburg Can Co. —
Potash Co. of America —
Pressed Steel Tank Co. 40
Procter & Gamble 43, 47
Propellair, Inc. 48
Purdy, W. S., Co., Inc. 58
Pure Calcium Products Co. —

Reilly Tar & Chemical Corp. —
Rogers, Henry 58
Rolls Chemical Co. —
Rosenthal, H. H., & Co. 50
Ryland, H. C., Inc. 53

Sadtler, Samuel P., & Sons, Inc. 58
Schimmel & Co., Inc. 53
Schwabacher, S., & Co., Inc. 47
Schwarz Laboratories, Inc. 58
Seil, Putt & Rusby, Inc. 58
Sharples Solvents Corp. 6
Sherka Chemical Co., Inc. 48
Sherwood Petroleum Co., Inc. 55
Siemon Colors, Inc. 38
Skelly Oil Co. —
Smead & Small, Inc. 38
Smith, Kline & French Laboratories —
Snell, Foster D., Inc. 58
Solvay Sales Corp. 26
Sonneborn, L. Sons 68
Southwark Mfg. Co. 40
St. Joseph Lead Co. —
Standard Ultramarine Co. 38
Stauffer Chemical Co. 56
Stillwell & Gladding 58
Stokes, F. J., Machine Co. —
Stroock & Wittenberg Corp. —
Sun Oil Co. —

Taintor Trading Co. —
Tamms Silica Co. —
Tennessee Corp. 25
Texas Gulf Sulphur Co., Inc. —
Thompson-Hayward Co. 25
Thurston & Braidich 51
Titanium Pigment Co., Inc. —
Todd, A. M., Co. 54
Turner, Joseph, & Co. 37

Ultramarine Co. —
Union Carbide & Carbon Corp. 3
Union Standard Equipment Co. 66
United Clay Mines Corp. —
U. S. Industrial Alcohol Co. —
U. S. Industrial Chemical Co. —
U. S. Phosphoric Products Corp. 25
United States Potash Co. 57

Vanderbilt, R. T., Co. —
Victor Chemical Works 26
Vorce, L. D. 58

Wackman Welded Ware Co. —
Wecoline Products, Inc. 43
Werk, The M. Co. 43
Wiley & Co., Inc. 58
Will & Baumer Candle Co. —
Williams, C. K., & Co. —
Wishnick-Tumpeer, Inc. 12
Woburn Degreasing Co., of N. J. —
Wolf, Jacques, & Co. 54
Wyodak Chemical Co. —

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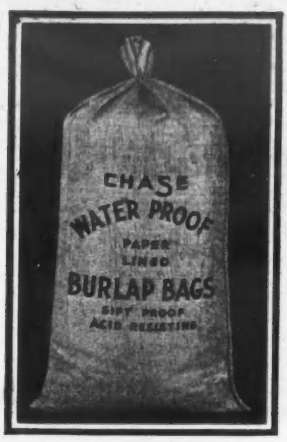

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